CANADIAN JOURNAL OF CHEMISTRY

JOURNAL CANADIEN DE CHIMIE

VOLUME 59, 1981

Author Index / Index des auteurs

Aarts, G.H.M., see Kotovych, G., 1449.
Abdel-Hamide, R., see El-Kashef, H.S., 731.
Addison, B.M., see Schaefer, T., 1656.
Adeleke, B.B., see Depew, M.C., 2708.
Adinolfi, M., see Parrilli, M., 2261.
Akhter, L., see Purdy, J.R., 210.
Akiyama, F., see Fraser, R.R., 705.
Al-Daher, I.M., and Kratochvil, B. Coulometric determination of several water-insoluble aromatic nitro compounds with electrogenerated chromium(II), 3346.
Alderdice, M., and Weiler, L. Electrophilic cyclization of an olefinic β-keto ester, 2239.
Alibhai, M., see McClelland, R.A., 1169.
Allen, M., and Roberts, J.D. Effects of protonation and hydrogen bonding on carbon-13 chemical shifts of compounds containing the >C=N—group, 451.
Allred, G.C., Larson, J.W., and Hepler, L.G. Thermodynamics of acid dissociation of aqueous bisulfite ion: ΔH^0,ΔC_p^0, and ΔV^0 at 298.15 K, 1068.
Andersen, A., see Burnell, R.H., 2820.
Anderson, H.J., see Loader, C.E., 2673.
Ando, T., see Terabe, S., 1531.
Angyal, S.J., and Tran, T.Q. Conformational analysis in carbohydrate chemistry. V. Formation of glycosidic anhydrides from heptoses, 379.
Anslow, S.E., Chong, K.S., Rettig, S.J., Storr, A., and Trotter, J. Manganese, molybdenum, and tungsten carbonyl derivatives incorporating the dimethylbis(1-pyrazolyl)gallate ligand, $[Me_2Ga(N_2C_3H_3)_2]^-$, 3123.
Anunziata, J., Singh, J., and Silber, J.J. n–π Electron donor–acceptor complexes. I. Aliphatic amines with benzonitrile, 1291.
Apparu, M., Blanc-Muesser, M., Defaye, J., and Driguez, H. Stereoselective syntheses of *O*- and *S*-nitrophenyl glycosides. Part III. Syntheses in the α-D-galactopyranose and α-maltose series, 314.
ApSimon, J.W., Moir, D., and Yamasaki, K. Approaches to the synthesis of triterpenoids. VI. The synthesis of 3,3,10aβ-trimethyl-1,2,3,4,4aβ,5,8,9,10,10a-decahydrophenanthren-7(6*H*)-one, a potential intermediate for pentacyclic triterpene synthesis, 1010.
Armand, J., Armand, Y., Boulares, L., Philoche-Levisalles, M., and Pinson, J. Structure and electrochemical behaviour of 2-nitrosoquinoxaline, 1711.
Armand, J., see Bellec, C., 527.
Armand, J., see Bellec, C., 2826.
Armand, J., Boulares, L., Chekir, K., and Bellec, C. Chemical and electrochemical reduction of pyrazino[2,3-*b*]quinoxalines, 3237.
Armand, Y., see Armand, J., 1711.
Arnold, D.R., see Leigh, W.J., 609.
Arnold, D.R., see Leigh, W.J., 3061.
Arnold, D.R., see Wong, P.C., 982.
Arora, P.C., see Still, I.W.J., 199.
Ashy, M.A., see Diefallah, E.-H.M., 1208.
Aspinall, G.O., Fanous, H.K., Kumar, N.S., and Puvanesarajah, V. The selective cleavage of permethylated glycopyranosiduronic acid linkages by oxidative decarboxylation with lead tetraacetate, 935.
Aubke, F., see Lee, K.C., 2835.
Aubke, F., see Sharma, R.D., 3157.
Audier, H.E., Milliet, A., Mruzek, M., Denhez, J.P., Dizabo, P., et Schaal, C. Isomérisation de l'ion phényl-2-oxétane protoné avant sa fragmentation en spectrométrie de masse, 968.
Audo, D., Vincens, M., Dumont, C., et Vidal, M. Diastéréosélectivité de la réduction des alkyl-2-alkylidène-3 cyclopropyl alkyl cétones. Addition de RLi sur les aldéhydes α-cyclopropylidéniques, 2199.
Aue, W.A., Paramasigamani, V., and Kim, J.H. Products from interaction of aromatic nitrocompounds with argon metastables inside a gas chromatograph, 1439.

Aue, W.A., see Wickramanayake, P.P., 1045.
Auksi, H., and Yates, P. The stereochemistry and regiochemistry of the Diels–Alder reactions of 6-acetoxy-2,6-dimethyl-2,4-cyclohexadienone, 2510.
Aycard, J.-P., see Bouteiller-Prati, J., 859.
Ayer, W.A., and McCaskill, R.H. The cybrodins, a new class of sesquiterpenes, 2150.
Ayer, W.A., and McCaskill, R.H. The total synthesis of the cybrodins, 2159.
Ayer, W.A., and Saeedi-Ghomi, M.H. 1-Sterpurene-3,12,14-triol and 1-sterpurene, metabolites of silver-leaf disease fungus *Stereum purpureum*, 2536.
Ayer, W.A., Ward, D.E., Browne, L.M., Delbaere, L.T.J., and Hoyano, Y. The synthesis of the cyathins. Part 1. Synthesis of a tricyclic intermediate, 2665.
Back, R.A., see Neudorfl, P.S., 506.
Back, R.A., and Parson, J.M. The thermal and photochemical decomposition of maleic anhydride in the gas phase, 1342.
Bacquet, C., see Chkir, M., 945.
Baer, H.H., and Hanna, Z.S. The preparation of amino sugars and branched-chain sugars by palladium-catalyzed, allylic substitution of alkyl hex-2-enopyranosides, 889.
Baghlaf, A.O., see Diefallah, E.-H.M., 1208.
Bailey, K., and Butterfield, A.G. Structure of condensation products between isonicotinylhydrazine and reducing sugars by ^{13}C nmr spectroscopy, 641.
Baillon, J.P., see Umetsu, Y., 1580.
Bain, A.D., Bornais, J., and Brownstein, S. Analysis of generalized two-dimensional homonuclear nmr spectra, 723.
Baird, N.C., and Taylor, K.F. *Ab initio* molecular orbital calculations for SF_4, SOF_2, and SO_2F_2, 814.
Baldwin, W.G., see Khan, A.S., 1490.
Ball, D.L., Cooke, E.D., Cooley, J.M., Hamilton, M.C., and Schutte, R. A rapid method for the determination of bitumen, water, and solids in oil sands, 1527.
Bandini, A.L., see Banditelli, G., 1241.
Banditelli, G., Bandini, A.L., Minghetti, G., and Bonati, F. Metal derivatives of azoles. Part VII. Gold(I) derivatives of pyrazoles, 1241.
Banister, A., see MacLean, G., 187.
Bansal, N.P., and Plambeck, J.A. Electroreduction of uranyl ion in aqueous calcium nitrate solutions, 1515.
Banville, J., see Fraser, R.R., 705.
Barker, R., see Nunez, H.A., 2086.
Barlet, R., Le Goaller, R., et Gey, C. Halogenocyclopropanation des éthoxy-alcènes diversement alkylés. Effet *syn*-directeur des groupes éthoxy et alkyles, 621.
Barnard, G.D., see Smith, W.B., 1602.
Barone, G., Cacace, P., Castronuovo, G., and Elia, V. Excess enthalpies of aqueous solutions of biuret at 25°C. Interaction with urea, 1257.
Basu, S., see Cocivera, M., 629.
Basu, S., Couture, A., Ho, K.W., Hoshino, M., de Mayo, P., and Suau, R. Thione photochemistry. Dual pathways in aralkyl thione cyclizations, 246.
Bates, G.S., and Ramaswamy, S. A thermal [1,3] sigmatropic rearrangement: thermolysis of 2,2-bis(ethylthio)-3,3-dimethyl-4-pentenal, 3120.
Battistuzzi, R., and Peyronel, G. Silver(I) complexes of 4,6-dimethylpyrimidine-2(1*H*)-thione, 591.
Bayliss, S.G., Failes, R.L., and Shapiro, J.S. Gas phase photochemical decomposition of 1-bromopropane, 1827.
Bayramli, E., and Mason, S.G. Tensiometric studies on wetting. II. Some effects of surface roughness (experimental), 1962.
Bayramli, E., van de Ven, T.G.M., and Mason, S.G. Tensiometric studies on wetting. I. Some effects of surface roughness (theoretical), 1954.
Beauchamp, A.L., see Prizant, L., 1311.
Beauchamp, A.L., see Prizant, L., 2290.
Beaulieu, P.L., see Garratt, D.G., 927.
Behr, B., see Koźmińska, D., 2043.
Bélanger, G., see Umetsu, Y., 1261.
Bélanger, G., see Umetsu, Y., 1580.
Bell, G.M., and Peterson, G.C. Forces between dissimilar colloidal plates for various surface conditions. II. Equilibrium adsorption effects, 1888.
Bellec, C., see Armand, J., 3237.
Bellec, C., Maitte, P., Armand, J., and Viel, C. Electrochemical reduction of nitroethylenic ketones in hydroorganic medium. Preparation of 4,5-dihydroxy-2-isoxazolines, 527.
Bellec, C., Maitte, P., Armand, J., and Pinson, J. Deaminative electrochemical reduction of pyrazolo[1,5-*a*]pyrimidine-7-amines, 2826.
Bellec, C., see Marçot, B., 1224.
Benezra, C., see Cheminat, A., 1405.

Benn, M.H., see Meesters, A.C.M., 264.

Bennes, R., and Conway, B.E. Solvent accessibility and hydrophobicity in the adsorption of alkylammonium cations at air/water and Hg/water interfaces. Part 1. Behavior at the air/water interface in relation to hydration properties, 1978.

Bennett, J.E., see Howard, J.A., 2253.

Bennouna, C., Petrus, F., Verducci, J., Hauw, C., et Gaultier, J. Action des hydroxyurées sur les maléate et fumarate de méthyle. Obtention des carbométhoxy-5 oxa-6 dihydrouraciles; transposition en carbométhoxyméthylène-5 hydantoïnes, 2891.

Benoit, R.L., Mackinnon, M.J., and Bergeron, L. Basicity of *N*-substituted anilines and pyridine in dimethylsulfoxide, 1501.

Benoiton, N.L., and Chen, F.M.F. 2-Alkoxy-5(4*H*)-oxazolones from *N*-alkoxycarbonylamino acids and their implication in carbodiimide-mediated reactions in peptide synthesis, 384.

Béraldin, M.-T., see Fliszár, S., 1074.

Berchiesi, G., Gioia-Lobbia, G., Vitali, G., et Berchiesi, M.A. Le potentiel chimique d'excès dans des systèmes binaires: acides dicarboxyliques – acides monocarboxyliques ou esters. L'énergie libre d'interéchange entre groupes aliphatiques et carboxyliques, 1375.

Berchiesi, M.A., see Berchiesi, G., 1375.

Berenjian, N., and de Mayo, P. Thione photochemistry: on the formation of dipyranylidenes from pyranthiones, 2612.

Bergeron, L., see Benoit, R.L., 1501.

Bernier, S.E., see Robins, M.J., 3360.

Bernstein, E., see Chu, D.T.W., 763.

Bernstein, H.J., see Sunder, S., 964.

Bhat, S.N., see Sing, R.A., 1212.

Bhatnagar, O.N., and Campbell, A.N. Osmotic and activity coefficients of sodium sulphate in water from 50 to 150°C, 123.

Bhattacharya, A., Das, A.K., and Kundu, K.K. Determination of absolute transfer free energies of hydroxyl ion from water to aqueous 2-methoxy ethanol, 1153.

Binkewicz, J.B., Kaplan, M., and Doepker, R.D. Vacuum-ultraviolet (147.0 nm and 123.6 nm) photolysis of 1,1-dimethylcyclopropane, 537.

Bird, P.H., and Wickramasinghe, W.A. The crystal and molecular structure of 1,4-bis(1-oxa-4,10-dithia-7*H*-7-azonia cyclododecan-7-ylmethyl)benzene tetrachlorooxotetrahydrofuran molybdate(V) $[C_{24}H_{42}N_2O_2S_4]^{2+}[MoOCl_4(THF)]_2^{-}$, 2879.

Birnbaum, G.I., see Post, M.L., 238.

Birss, F.W., and den Hertog, W. Rational orbitals for two-electron ^1S states, 1552.

Blanc-Muesser, M., see Apparu, M., 314.

Blandamer, M.J., Burgess, J., Duce, P.P., Robertson, R.E., and Scott, J.W.M. The dependence of acid dissociation constants in water on temperature as expressed by the Gurney equation, 2845.

Blount, J.F., see Decesare, J.M., 1415.

Blum, L., see Henderson, D., 1903.

Blum, L., see Henderson, D., 1906.

Bohme, D.K., see Goodings, J.M., 1810.

Bohme, D.K., see Mackay, G.I., 1771.

Bohme, D.K., see Tanner, S.D., 1615.

Bohme, D.K., see Tanner, S.D., 1760.

Bonati, F., see Banditelli, G., 1241.

Book, L., Carty, A.J., and Chieh, C. Five-coordinated halogenomercurate(II) complexes: crystal structures of bis(L-tryptophanium) trichloromercurate(II) and bis(D,L-homocysteine thiolactonium) tetrabromomercurate(II), 138.

Book, L., Carty, A.J., and Chieh, C. N,O- and S,O-bonded Hg(II) complexes with S-substituted amino acids: synthesis and crystal structures of bis(*S*-methyl-L-cysteinato)mercury(II) and bis(D,L-ethioninato)mercury(II) diperchlorate, 144.

Borkowska, Z., and Fawcett, W.R. Double layer structure at the mercury/methanol solution interface, 710.

Borkowska, Z., see Koźmińska, D., 2043.

Bornais, J., see Bain, A.D., 723.

Botrel, A., et Caillet, P. Etude théorique et vibrationnelle du biphényldicarboximide-2,2′, $C_{14}H_9NO_2$. Conjugaison et délocalisation électronique, 2463.

Bottino, F.A., Longo, M.L., Sciotto, D., and Torre, M. A simple ^{1}H nmr conformational study of some heterocyclic azomethines, 1205.

Boucly, P., see Gueutin-Pelinard, C., 759.

Bouin-Roubaud, D., Kister, J., Rajzmann, M., et Bouscasse, L. Contribution à l'étude par spectroscopie ultra-violette de Δ-4-imidazolinethiones-2 et d'alkylthio-2 imidazoles. Calculs théoriques, 2883.

Boukou-Poba, J.-P., Farnier, M., et Guilard, R. Formylation en série arylpyrrolique, 2962.

Boulares, L., see Armand, J., 1711.

Boulares, L., see Armand, J., 3237.

Boullanger, P., see Marmet, D., 373.

Bouscasse, L., see Bouin-Roubaud, D., 2883.

Bouteiller, J.-C., see Bouteiller-Prati, J., 859.

Bouteiller-Prati, J., Bouteiller, J.-C., et Aycard, J.-P. Interactions gauches et chemins réactionnels. Etudes conformationnelles d'hydroxyalkyl-4 cyclohexènes contraints, 859.
Bowers, R.J., see Wolfe, S., 406.
Boyd, R.J., see Ramani, R., 3232.
Boyd, R.J., see Wong, P.C., 974.
Brandon, J.B., and Dixon, K.R. Phosphorus-31 nuclear magnetic resonance studies of phosphido-bridged dinuclear complexes of palladium and platinum, 1188.
Breitmaier, E., see Jha, H.C., 2266.
Brenner, H., and Gajdos, L.J. London – van der Waals forces and torques exerted on an ellipsoidal particle by a nearby semi-infinite slab, 2004.
Brewer, D.G., see Huang, T.L.J., 1689.
Bridet, J., see Fliszár, S., 1074.
Brisse, F., see Gravel, D., 2997.
Brodovitch, J.C., Haines, R.I., and McAuley, A. Nickel(III)–tris(di-imine) complexes: a series of strong one-electron oxidants, 1610.
Brossi, A., see Iorio, M.A., 283.
Brown, R.S., see Curtis, N.J., 65.
Browne, E.N.C., see Liu, H.-J., 601.
Browne, L.M., see Ayer, W.A., 2665.
Brownstein, S., see Bain, A.D., 723.
Brownstein, S.K., see Glavincevski, B., 3012.
Bruno, A.E., Clouthier, D.J., Mezey, P.G., and Steer, R.P. Rydberg and valence-shell transitions in the quartz ultraviolet spectra of aliphatic thiones, 952.
Brunton, G., see Howard, J.A., 2253.
Brzezinski, B., and Zundel, G. Influence of stereochemistry, screening, and deuteration of long and short intramolecular easily polarizable hydrogen bonds on their infrared continua, 786.
Buck, H.M., see Kemper, M.J.H., 3044.
Buenker, R.J., see Perić, M., 1318.
Buist, P.H., and MacLean, D.B. The biosynthesis of cyclopropane fatty acids. I. Feeding experiments with oleic acid-9,10-d_2, oleic acid-8,8,11,11-d_4, and L-methionine-methyl-d_3, 828.
Buncel, E., Hamaguchi, M., and Norris, A.R. *N*-Picrylethylenediamine – methoxide ion interactions: *N*-deprotonation and σ-complex formation reactions, 795.
Buncel, E., Moir, R.Y., Norris, A.R., and Chatrousse, A.-P. Nucleophilic addition and displacement in the reaction of 2,4,6-trimethylphenoxide ion with 1,3,5-trinitrobenzene. An oxygen-bonded aryloxide σ-complex, 2470.
Buncel, E., and Zabel, A.W. 1,3-Dinitrobenzene – hydroxide ion interactions. Equilibrium constants for σ-complex formation in the dimethylformamide–water solvent system, 3168.
Buncel, E., and Zabel, A.W. Hydrogen exchange studies. XIV. Kinetics and mechanism of base-catalyzed hydrogen exchange in 1,3-dinitrobenzene in aqueous dimethylformamide and relationship with σ-complex formation, 3177.
Bunting, J.W., Chew, V.S.-F., and Sindhuatmadja, S. Substituent effects upon cation–pseudobase equilibration for isoquinolinium and phthalazinium cations, 3195.
Burgers, P.C., see Holmes, J.L., 1805.
Burgess, J., see Blandamer, M.J., 2845.
Burnell, R.H., Andersen, A., Néron-Desbiens, M., and Savard, S. Approaches to the synthesis of lycoxanthol and similar natural products. Synthesis of coleon U, 2820.
Butler, D.N., and Munshaw, T.J. The synthesis of 2,3,5,6-*endo*,*endo*,*endo*,*endo*-tetrakis-substituted bicyclo[2.2.1]heptanes, 3365.
Butterfield, A.G., see Bailey, K., 641.
Cabelkova-Taguchi, L.M., and Warkentin, J. Thermolysis of 5,5-dimethyl-4-aryl-Δ^1-1,2,4-triazolin-3-ones in solution. Products, kinetics, substituent effects, and solvent effects, 100.
Cabelkova-Taguchi, L.M., and Warkentin, J. Photolysis of 5,5-dimethyl-4-phenyl-Δ^1-1,2,4-triazolin-3-one. Fragmentation to nitrogen, carbon monoxide, and isopropylidene phenyl amine, 3087.
Cacace, P., see Barone, G., 1257.
Cachet, H., Fekir, M., and Lestrade, J.-C. Dielectric relaxation of lithium and sodium perchlorates in 1,2-dimethoxyethane and propylene carbonate, 1051.
Cadet, J., Nardin, R., Voituriez, L., Remin, M., and Hruska, F.E. A ^{1}H and ^{13}C nmr study of the radiation-induced degradation products of 2′-deoxythymidine derivatives: *N*-(2′-deoxy-β-D-erythropentofuranosyl)formamide, 3313.
Cahill, W.R., Jr., see Rotsch, T.D., 2179.
Caillet, P., see Botrel, A., 2463.
Calas, R., see Grignon-Dubois, M., 802.
Calixto, F.S., and Deyá, P.M. Correlation between thermodynamic parameters (GLC) and structure of esters, 2243.
Cameron, D.G., Hsi, S.C., Umemura, J., and Mantsch, H.H. Solvent induced frequency shifts of the C—H stretching bands of *n*-octane. A Fourier transform infrared study, 1357.
Cameron, D.G., see Sapper, H., 2543.

Cameron, T.S., Cordes, R.E., Pinto, B.M., and Szarek, W.A. Crystal and molecular structure of *cis,anti,cis-N,N'*-dibenzoyl-3,12-diazatricyclo[6.4.0.0^{2,7}]dodecan-6,12-dione and *cis,anti,cis-N,N'*-dibenzoyl-3,9-diazatricyclo[6.4.0.0^{2,7}]dodecan-6,9-dione. Photodimers of *N*-benzoylcyclohex-2-ene-4-one, 3136.

Cameron, T.S., see Knop, O., 2550.

Campbell, A.N. Activity coefficients, densities, dipole moments, and surface tensions of the system triethylamine–methylethylketone–water, 127.

Campbell, A.N., see Bhatnagar, O.N., 123.

Campbell, A.N., and Kartzmark, E.M. Studies in partial miscibility: the systems triethylamine–dimethylsulfoxide–methylethylketone and triethylamine–formamide–methylethylketone, 2953.

Camps, P., and Jaime, C. The 1,3-dimethoxytrimethylene bridge as two latent carboxyl groups: synthesis of *cis*-isoaposantenic and *cis*-apocamphoric acids, 2848.

Cantara, J.-L., see Fliszár, S., 1381.

Cantwell, F.F., see Kratochvil, B., 2539.

Cantwell, F.F., see Rotsch, T.D., 2179.

Capitan, F., Guiraum, A., and Vilchez, J.L. Mechanism of 2-quinizarinsulphonic acid reduction on a mercury electrode, 1201.

Carmona, P., see Garcia-Ramos, J.V., 222.

Carty, A.J., see Book, L., 138.

Carty, A.J., see Book, L., 144.

Castronuovo, G., see Barone, G., 1257.

Chakrabartty, S.K. A simple method to characterize feed-coals for liquefaction, 1487.

Chakravarty, A.K., Pakrashi, S.C., and Uzawa, J. ^{13}C nuclear magnetic resonance spectra of 23-hydroxy spirostane sapogenins of *Solanum hispidum*, 1328.

Chalmers, W.T., see Kutney, J.P., 2677.

Chang, M.H., and Crawford, R.J. Secondary deuterium isotope effects on both rate and product determining steps in the thermolysis of 4-methylene-1-pyrazoline, 2556.

Chapados, C., Germain, D., and Leblanc, R.M. Effect of pollutant gases on chlorophyll *a* multilayer, 2402.

Charles, M.H., Mulenga, M., Jenard, A., and Hurwitz, H.D. The surface phase at the ideal polarized mercury electrode. IV. Determination of molar entropies of adsorption of specifically adsorbed halide ions, 2053.

Chastrette, M., et Martin, J.-C. Rotation optique et structure moléculaire. I. Cas des cyclitols et anhydro-1,6 sucres, 907.

Chatgilialoglu, C., and Ingold, K.U. Configuration and conformation of alkoxyalkyl and hydroxyalkyl trifluoromethyl nitroxides. Anomeric effects and nitroxide conformations, 1745.

Chatrousse, A.-P., see Buncel, E., 2470.

Chatt, A., DeSilva, K.N., Holzbecher, J., Stuart, D.C., Tout, R.E., and Ryan, D.E. Cyclic neutron activation analysis of biological and metallurgical samples, 1660.

Chatt, A., see Wickramanayake, P.P., 1045.

Chauhan, M.S., and McKinnon, D.M. Synthesis of some new tetracyclic heteroaromatic chromans via quinone methide intermediates, 2223.

Chekir, K., see Armand, J., 3237.

Cheminat, A., Benezra, C., Farrall, M.J., and Fréchet, J.M.J. Removal of allergens from natural oils by selective binding to polymer supports. II. Application of aminated resins to isoalantolactone and costus oil, 1405.

Chen, F.M.F., see Benoiton, N.L., 384.

Chen, H.-H., see Lown, J.W., 390.

Chen, H.-H., see Lown, J.W., 2945.

Chen, H.-H., see Lown, J.W., 3212.

Chen, K.S., and Wan, J.K.S. An electron spin resonance and CIDEP study of the primary processes in the photoreductions of furaldehyde, furyl methyl ketone, and acetylthiophene by phenols, 116.

Cheng, A.K., Ghosh, A.K., Sheepy, I., and Stothers, J.B. Homoenolization and H/D exchange in tricyclic ketones. Rearrangement via a γ-enolate, 3379.

Chenier, J.H.B., see Howard, J.A., 2184.

Cheung, S.K., see Chieh, C., 2746.

Chew, V.S.-F., see Bunting, J.W., 3195.

Chiche, L., Christol, H., Coste, J., Pietrasanta, F., et Plénat, F. Ouverture de dichlorocyclopropanes en présence d'un nucléophile interne. Absence de participation intramoléculaire. Réarrangement concerté en chlorures allyliques, I 4.

Chiche, L., Christol, H., Coste, J., et Plénat, F. Lactonisation par ouverture, en milieu acide, de cyclopropanes γ-carboxyliques, 2373.

Chieh, C., see Book, L., 138.

Chieh, C., see Book, L., 144.

Chieh, C., and Cheung, S.K. A crystallographic and spectroscopic study of mercury(II) dithiocarbamate, 2746.

Childs, R.F., and Varadarajan, A. Acid catalysed rearrangements of 8,8-dimethyl-2,3-homotropone, 3252.

Childs, R.F., Zeya, M., and Dain, R.P. Photolysis of heptamethylbenzenonium cation in aqueous acids. Preparation of pentamethylcyclopentadiene, 76.

Chiwetelu, C., see Neale, G., 1938.

Chkir, M., Lelandais, D., et Bacquet, C. Oxydation anodique de β-cétocarboxylates en milieu aqueux ou hydroorganique. Application à la synthèse de γ-dicétones, de cétones éthyléniques et de cétoamides, 945.

Chong, K.S., see Anslow, S.E., 3123.

Chong, K.S., Rettig, S.J., Storr, A., and Trotter, J. Synthesis and structure of *N,N'*-ethylenebis(salicylideneiminato)chlorogallium(III) and its methyl analog, 94.

Chong, K.S., Rettig, S.J., Storr, A., and Trotter, J. Synthesis, characterization, and X-ray structural analysis of the Cu(I) derivative, $[Me_2Ga(OCH_2CH_2NMe_2)N_2C_5H_7]Cu.PPh_3$, 518.

Chong, K.S., Rettig, S.J., Storr, A., and Trotter, J. Allylic derivatives of nickel and palladium, 996.

Chong, K.S., Rettig, S.J., Storr, A., and Trotter, J. Crystal and molecular structure of [dimethyl(3,5-dimethyl-1-pyrazolyl)(ethanolamino)gallato(*N*(2),O,*N*(3)O](η^3-cycloheptatrienyl) dicarbonylmolybdenum, 1665.

Chong, K.S., and Storr, A. Synthesis and complexation of the novel tridentate anionic organogallate ligands, $[Me_2Ga(N_2C_5H_7)(OCH_2CH_2SR)]^-$, (R = Et or Ph), 1331.

Choudary, N.V., and Naidu, P.R. Excess volumes of an alcohol + 1,2-dichloroethane, 2210.

Choudhury, M.K., see Kutney, J.P., 3162.

Chow, A., see Khan, A.S., 1490.

Christol, H., see Chiche, L., 164.

Christol, H., see Chiche, L., 2373.

Chu, D.T.W., Huckin, S.N., Bernstein, E., Garmaise, D.L., Egan, R.S., and Stanaszek, R.S. Chemistry of chelocardin. V. Condensation with amino reagents, 763.

Chu, N.Y.C., Goldstein, S.A., and Keehn, P.M. Substituent effects on the spectral behavior and synthesis of mercury 1,5-diarylthiocarbazonates, 679.

Chuaqui-Offermanns, N., see Fraser, R.R., 705.

Chuaqui-Offermanns, N., see Fraser, R.R., 3007.

Chubb, F.L., and Edward, J.T. The reaction between carbon disulfide and some α-methylaminonitriles. The supposed isomerism of 4,4-dialkyl-5-imino-3-methylthiazolidine-2-thiones, 2724.

Clark, P.D., and McKinnon, D.M. The addition of simple aromatic hydrocarbons to condensed aromatic thiophenes promoted by aluminum chloride. Part I. Naphtho[2,1-*b*]thiophene, 227.

Clark, P.D., and McKinnon, D.M. The addition of simple aromatic hydrocarbons to condensed aromatic thiophenes promoted by aluminum chloride. Part II. Naphtho[1,2-*b*]thiophene, 1297.

Clarke, E.C., Glew, D.N., and Maisonneuve, D.J. Solubility of water in vinyl chloride, 768.

Classon, B., Garegg, P.J., and Samuelsson, B. Conversion of hydroxyl groups into bromo groups in carbohydrates with inversion of configuration, 339.

Clermont, M.J., see Symons, E.A., 2386.

Clouthier, D.J., see Bruno, A.E., 952.

Cobbledick, R.E., see Fischer, A., 584.

Cocivera, M., Basu, S., Copp, L., and Malatesta, V. Nuclear magnetic resonance study of addition–cyclization involving ethyl thioacetoacetate and α-nucleophiles, 629.

Collignon, N., see Fabre, G., 2864.

Contreras, L., MacLean, D.B., Faggiani, R., and Lock, C.J.L. Reactions of phthalans with dienophiles. III. Formation of homoquinones by reaction of 1,1-diethoxyphthalans with quinones, 1247.

Conway, B.E., see Bennes, R., 1978.

Conway, B.E., and Rocheleau, F. Solvent accessibility and hydrophobicity in the adsorption of alkylammonium cations at air/water and Hg/water interfaces. Part II. Behavior at the Hg/water interface in relation to hydrophobic interactions, 1987.

Cooke, E., see Edward, J.T., 597.

Cooke, E.D., see Ball, D.L., 1527.

Cooley, J.M., see Ball, D.L., 1527.

Copp, L., see Cocivera, M., 629.

Corbel, B., see Decesare, J.M., 1415.

Cordes, A.W., Swepston, P.N., Oakley, R.T., Paddock, N.L., and Ranganathan, T.N. The crystal and molecular structure of 2,2-dimethyl-4,4,6,6-tetrafluorocyclotriphosphazene, 2364.

Cordes, R.E., see Cameron, T.S., 3136.

Coste, J., see Chiche, L., 164.

Coste, J., see Chiche, L., 2373.

Coulombe, S., see Marchessault, R.H., 38.

Couture, A., see Basu, S., 246.

Cowie, M., and Gauthier, M.D. The structure of benzoylphenyldiazomethane, 1463.

Cox, R.A., Druet, L.M., Klausner, A.E., Modro, T.A., Wan, P., and Yates, K. Protonation acidity constants for some benzamides, acetamides, and lactams, 1568.

Cox, R.A., Haldna, Ü.L., Idler, K.L., and Yates, K. Resolution of Raman spectra of aqueous sulfuric acid mixtures using principal factor analysis, 2591.

Cox, R.A., and Yates, K. Medium effects in protonation equilibrium studies. Accurate acidity constants using the excess acidity method, 1560.

Cox, R.A., and Yates, K. The excess acidity of aqueous HCl and HBr media. An improved method for the calculation of X-functions and H_0 scales, 2116.

Cox, R.A., and Yates, K. The hydrolyses of benzamides, methylbenzimidatium ions, and lactams in aqueous sulfuric acid. The excess acidity method in the determination of reaction mechanisms, 2853.

Crawford, R.J., see Chang, M.H., 2556.

Croxton, T., McQuarrie, D.A., Patey, G.N., Torrie, G.M., and Valleau, J.P. Ionic solution near an uncharged surface with image forces, 1998.

Croxton, T.L., see Ledbetter, J.E., 1860.

Curtis, N.J., and Brown, R.S. Nitrogen- and sulfur-containing models for metallo-enzymes. Part I. Synthesis and physical studies of 2(2-pyridyl)-1,3-dithioalkyl -2-propanols, 2(2-pyridyl)- and 2(2-imidazolyl)-1,3-dimercapto -2-propanols, 65.

Daghetti, A., and Trasatti, S. Determination of single ion activities by relying on the electrical double layer model: NaF aqueous solutions, 1925.

Dain, R.P., see Childs, R.F., 76.

Dalziel, J.A., see Ramaley, L., 3334.

Damaskin, B.B., see Levi, M.D., 2019.

Dance, N.S., Dobud, P., and Jones, C.H.W. A ^{125}Te Mössbauer study of hexahalotellurates, pentahalotellurates, and tetrahaloaryltellurates, 913.

Dance, N.S., and Jones, C.H.W. ^{129}I Mössbauer spectra of tellurium iodides. Part II, 918.

Dao, L.H., see Lee-Ruff, E., 1675.

Das, A.K., see Bhattacharya, A., 1153.

Das, A.R., see Ghosh, S., 2449.

Dash, U.N., and Nayak, S.K. Standard electrode potentials of the silver – silver phosphate and silver – silver arsenate electrodes in formamide at different temperatures, 3030.

Datta, J., and Kundu, K.K. Thermodynamics of autoionization of aqueous tetrahydrofuran and 1,2-dimethoxyethane and the structuredness of solvents, 3141.

Datta, J., and Kundu, K.K. Free energies and entropies of transfer of hydrogen halides from water to aqueous solutions of tetrahydrofuran, dioxane, and 1,2-dimethoxyethane and the structuredness of the solvents, 3149.

Davidson, D.W., Gough, S.R., Ripmeester, J.A., and Nakayama, H. The effect of methanol on the stability of clathrate hydrates, 2587.

Davidson, I., Perron, G., and Desnoyers, J.E. Isentropic compressibilities of electrolytes in acetonitrile at 25°C, 2212.

Dean, P.A.W. A ^{113}Cd nuclear magnetic resonance study of some complexes of cadmium with phosphine oxides, sulfides, and selenides, 3221.

Dean, P.A.W., Phillips, D.D., and Polensek, L. A ^{31}P nmr spectroscopic study of complexation of tin(II) and lead(II) by some phosphines, phosphine oxides, and related ligands, with the ^{31}P nuclear magnetic resonance spectra of two tetratertiary phosphine tetraoxides and the analogous tetra-sulfides and -selenides, 50.

De Brou, G.B., see Goodings, J.M., 1810.

Decesare, J.M., Corbel, B., Durst, T., and Blount, J.F. γ- and δ-epoxy sulfones. Formation of different ring-sized products upon reaction with CH_3MgI or $LiN[CH(CH_3)_2]_2$, 1415.

Decesare, J.M., see Kutney, J.P., 3162.

Defaye, J., see Apparu, M., 314.

de Keizer, A., and Lyklema, J. Patchwise interfacial dipole layers on solids. Application to the silver iodide – aqueous solution interface, 1969.

Delbaere, L.T.J., see Ayer, W.A., 2665.

De Lisi, R., Perron, G., Paquette, J., and Desnoyers, J.E. Thermodynamics of micellar systems: activity and entropy of sodium decanoate and *n*-alkylamine hydrobromides in water, 1865.

de Mayo, P., see Basu, S., 246.

de Mayo, P., see Berenjian, N., 2612.

de Mayo, P., Weedon, A.C., and Zabel, R.W. Observation of two oxa-azabicyclo[2.2.0]hexenone intermediates along the reaction pathway of the photochemical isomerization of 1,3-oxazin-6-ones, 2328.

den Hertog, W., see Birss, F.W., 1552.

Denhez, J.P., see Audier, H.E., 968.

Depew, M.C., Adeleke, B.B., and Wan, J.K.S. An electron spin resonance and time-resolved CIDEP study of the oxidation of ascorbic acid by pyruvic acid, duroquinone, and vitamin K_1, 2708.

Desai, D.N., see Findlay, J.A., 3303.

Descotes, G., see Marmet, D., 373.

DeSilva, K.N., see Chatt, A., 1660.

Deslongchamps, P., see Pothier, N., 1132.

Deslongchamps, P., Rowan, D.D., Pothier, N., Sauvé, G., and Saunders, J.K. 1,7-Dioxaspiro[5.5]undecanes. An excellent system for the study of stereoelectronic effects (anomeric and *exo*-anomeric effects) in acetals, 1105.

Deslongchamps, P., Rowan, D.D., Pothier, N., and Saunders, J.K. 1,7-Dithia and 1-oxa-7-thiaspiro[5.5]undecanes. Excellent systems for the study of stereoelectronic effects (anomeric and *exo*-anomeric effects) in the monothio and the dithioacetal functions, 1122.
Deslongchamps, P., Rowan, D.D., Pothier, N., Sauvé, G., and Saunders, J.K. Erratum: 1,7-Dioxaspiro[5.5]undecanes. An excellent system for the study of stereoelectronic effects (anomeric and *exo*-anomeric effects) in acetals, 1744.
Deslongchamps, P., Rowan, D.D., and Pothier, N. The acid-catalyzed oxido-reduction of spiroketals. Evidence for stereoelectronic control in hydride transfer to cyclic oxenium ions, 2787.
Desnoyers, J.E., see Davidson, I., 2212.
Desnoyers, J.E., see De Lisi, R., 1865.
Desnoyers, J.E., see Perron, G., 3049.
Desnoyers, J.E., see Perron, G., 2599.
Deswarte, S., see Marçot, B., 1224.
Deyá, P.M., see Calixto, F.S., 2243.
Deziel, R., see Gravel, D., 2997.
Diefallah, E.-H.M., Ashy, M.A., and Baghlaf, A.O. Solvolysis rates in aqueous–organic mixed solvents. IX. Solvolysis of dichloroacetate ion in water–methanol solutions, 1208.
Dimitriadis, E., see Kutney, J.P., 3350.
Ding, J.-y., see Kopecky, K.R., 851.
Dixon, E.A., Fischer, A., and Robinson, F.P. Preparation of a series of substituted fluoromethylnaphthalenes, 2629.
Dixon, E.A., Fischer, A., and Robinson, F.P. Substituent effects in fluoromethylnaphthalenes by ^{19}F nuclear magnetic resonance, 2642.
Dixon, J., see Edwards, O.E., 2096.
Dixon, K.R., see Brandon, J.B., 1188.
Dixon, R.S., see Sagert, N.H., 1096.
Dizabo, P., see Audier, H.E., 968.
Dizabo, P., see Picquenard, E., 1270.
Dmitrienko, G.I., see Gross, E.A., 635.
Dobud, P., see Dance, N.S., 913.
Doepker, R.D., see Binkewicz, J.B., 537.
Doiron, C.E., and McMahon, T.B. Gas phase basicities of fluorocarbonyl compounds. An ion cyclotron resonance investigation of the effects of fluorine and trifluoromethyl substituents on hydroxy carbonium ion stabilities, 2689.
Dojlido, J., see Opallo, M., 1918.
Dolejšek, Z., and Nováková, J. A note on mass spectrometric studies concerning a role of free radicals in catalytic reactions, 1824.
Dolphin, D., and Sivasothy, R. The preparation of porphyrin S-411 (dehydrocoproporphyrin) and harderoporphyrin from protoporphyrin IX, 779.
Dombsky, M., see Jones, C.H.W., 1585.
Dong, D.F., Hoyano, J.K., and Graham, W.A.G. Synthesis and properties of silicon, germanium, and tin derivatives of cyclopentadienyltricarbonylrhenium, 1455.
Douglas, A.E., see Neudorfl, P.S., 506.
Douglas, G.R., see McKague, A.B., 3372.
Dovinola, V., see Parrilli, M., 2261.
Drake, J.E., Glavinčevski, B.M., and Khasrou, L.N. Studies of silyl and germyl group VI species. Part VI. Synthesis and vibrational spectra of methylthiosilanes, 2909.
Drake, J.E., Hencher, J.L., and Khasrou, L.N. Phosphine–borane derivatives. 10. Vibrational spectra of the dimethylphosphine adducts of boron trihalides, 2898.
Drake, J.E., Khasrou, L.N., and Majid, A. A spectroscopic investigation of trimethyl- and triphenyl-arsine adducts of boron trihalides, 2417.
Driguez, H., see Apparu, M., 314.
Druet, L.M., see Cox, R.A., 1568.
Duce, P.P., see Blandamer, M.J., 2845.
Duchesne, D., see Jolicoeur, C., 1521.
Dumont, C., see Audo, D., 2199.
Dunoguès, J., see Grignon-Dubois, M., 802.
Durrant, J.A., see MacLean G., 187.
Durst, T., see Decesare, J.M., 1415.
Dutkiewicz, E., and Lamperski, S. Consideration on rotational isomerism in connection with its influence on some electrical properties of an interface, 1218.
Eager, R.L., Mathews, J.F., Pepper, J.M., and Zohdi, H. Studies on the products resulting from the conversion of aspen poplar to an oil, 2191.
Eastham, A.M., see Lachance, P., 2621.
Eaton, D.R., see Plancherel, D., 156.
Eckert, T.S., see LaLonde, R.T., 2298.

Edward, J.T. Conformational effects on the enthalpy of formation of straight and branched-chain alkanes, 3192.
Edward, J.T., see Chubb, F.L., 2724.
Edward, J.T., Cooke, E., and Paradellis, T.C. Stereochemical studies. IX. Acid-catalyzed rearrangement of δ- to γ-lactones, 597.
Edward, J.T., Sjöström, M., and Wold, S. Multivariate analysis of data for the ionization of weak acids in water – dimethyl sulfoxide solvent mixtures, 2350.
Edwards, O.E. Rearrangements during deamination of 4-amino-4-des(oxymethylene)anhydrolycoctonam, 3039.
Edwards, O.E., Dixon, J., Elder, J.W., Kolt, R.J., and Lesage, M. Protonated cyclopropanes in α-aminoketone deamination, 2096.
Egan, R.S., see Chu, D.T.W., 763.
Einstein, F.W.B., see Fischer, A., 584.
Eisenstein, O., see Kayser, M.M., 2457.
Ekwenchi, M.M., Safarik, I., and Strausz, O.P. Reaction of hydrogen atoms with diethylsulfide, 3226.
Elder, J.W., see Edwards, O.E., 2096.
Elia, V., see Barone, G., 1257.
El-Kashef, H.S., Abdel-Hamide, R., Mahmoud, M.R., and Hamed, M.M. Medium effect on acidity constants of some 2-styryl-4-phenylthiazole ethiodide derivatives, 731.
Erno, B.P., see Ewin, G.J., 2927.
Espindola, J.A., see Riggio, R., 3305.
Ewin, G.J., Erno, B.P., and Hepler, L.G. Clay chemistry: Investigation of thermodynamics of ion exchange reactions by titration calorimetry, 2927.
Fabre, G., Colligon, N., et Savignac, P. Aminobenzylation d'aldéhydes phosphoniques: préparation d'acides aminoalkylphosphoniques, 2864.
Faggiani, R., see Contreras, L., 1247.
Failes, R.L., see Bayliss, S.G., 1827.
Fairbridge, C., see Ross, R.A., 2232.
Falk, M. Spectroscopic confirmation of orientational disorder of the cyanide groups in sodium cyanide dihydrate, $NaCN \cdot 2H_2O$, 1267.
Falk, M., see Knop, O., 2550.
Fanous, H.K., see Aspinall, G.O., 935.
Farnier, M., see Boukou-Poba, J.-P., 2962.
Farrall, M.J., see Cheminat, A., 1405.
Faure, R., Leandri, G., et Meou, A. Hydrolyse des dérivés de cyclopropylidène-3-propyle. Structure et stéréochimie des alcools précurseurs et des produits résultant de l'hydrolyse, 1089.
Fawcett, W.R. The location of the reaction site and discreteness-of-charge effects in electrode kinetics, 1844.
Fawcett, W.R., see Borkowska, Z., 710.
Fawcett, W.R., and Lasia, A. The electroreduction of aromatic aldehydes in aprotic solvents, 3256.
Fedorovich, N.V., see Levi, M.D., 2019.
Fekir, M., see Cachet, H., 1051.
Field, T.B., and McBryde, W.A.E. Apparent stability constants of proton and metal ion complexes of glycine, iminodiacetic acid, nitrilotriacetic acid, and triethylenetetramine in aqueous methanol, 555.
Filho, H.L., see Sarragiotto, M.H., 2771.
Findlay, J.A., Desai, D.N., and Macaulay, J.B. Thermally induced crossed aldol condensations, 3303.
Findlay, J.A., Liu, J.-S., Radics, L., and Rakhit, S. The structure of ravidomycin, 3018.
Findlay, J.A., see Liu, J.-S., 1680.
Findlay, J.A., and Radics, L. Erratum: On the chemistry and high field nuclear magnetic resonance spectroscopy of rapamycin, 49.
Fingas, M., see Holmes, J.L., 80.
Fischer, A., see Dixon, E.A., 2629.
Fischer, A., see Dixon, E.A., 2642.
Fischer, A., Henderson, G.N., Smyth, T.A., Einstein, F.W.B., and Cobbledick, R.E. *Ipso* nitration. XXII. The stereochemistry of 1,4-dimethyl-4-nitrocyclohexa-2,5-dienols and their acetates and methyl ethers, 584.
Fischer, A., and Henderson, G.N. *ipso* Nitration. XXIII. Reactions of cyclohexadiene adducts from nitration of 4-ethyltoluene in acetic anhydride, 2314.
Fishtik, I.F., see Krylov, V.S., 2026.
Flecker, P., see Marini-Bettolo, R., 1403.
Flecker, P., see Marini-Bettolo, R., 3135.
Flengas, S.N., see Kipouros, G.J., 990.
Fletcher, P.D.I., and Reinsborough, V.C. Effect of short-chained sodium alkylsulfate micelles on the kinetics of metal complex formation, 1361.
Fliszár, S., and Cantara, J.-L. Charge distributions and chemical effects. XXIV. On the role of vibrational energies in determining molecular stabilities, 1381.
Fliszár, S., Foucrault, M., Béraldin, M.-T., and Bridet, J. Charge distributions and chemical effects. XXV. On the homogeneity of total molecular energies and the relationships between electronic, orbital, and total energies, 1074.

Forrest, T.P., and Thiel, J. Carbon-13 magnetic resonance: hydrogen involvement in γ-*anti* substituent effects, 2870.
Forsen, S., see Kuo-Chen, C., 737.
Forst, W. Analytic solution of relaxation and dissociation of ozone and sulphur dioxide at low pressures, 2569.
Fortier, J.-L., see Jolicoeur, C., 1140.
Fortier, J.-L., see Simard, M.-A., 3208.
Fortier, R.A., see Micetich, R.G., 1018.
Fortier, R.A., see Micetich, R.G., 1020.
Foucrault, M., see Fliszár, S., 1074.
Frank, A.W. Synthesis of tris(aminomethyl)phosphine oxide and its carbon dioxide adduct from tetrakis(hydroxymethyl)phosphonium salts via their methyl carbamate derivatives, 27.
Fraser, R.R., Banville, J., Akiyama, F., and Chuaqui-Offermanns, N. ^{13}C shieldings in *syn* and *anti* aidimines and ketimines, 705.
Fraser, R.R., and Chuaqui-Offermanns, N. ^{13}C lithiation shifts in aldimines and ketimines. Evidence on the configuration of lithiated *N-tert*-butylimines, 3007.
Fraser-Reid, B., Sun, K.M., Tsang, R.Y-K., Sinaÿ, P., and Pietraszkiewicz, M. Approaches to some carbohydrate-derived sultones, 260.
Fréchet, J.M.J., see Cheminat, A., 1405.
Frederick, L.A., Fyles, T.M., Gurprasad, N.P., and Whitfield, D.M. Membrane transport systems. I. Synthesis and characterization of carriers for a proton driven alkali metal cation pump, 1724.
Freeman, G.R., see Gee, N., 2988.
Fresco, J., see Gérin, M., 1705.
Fresco, J., see Jeffries, D., 1497.
Fueki, K., see Ito, M., 2803.
Fulton, R.B., see Kratochvil, B., 2539.
Fyles, T.M., see Frederick, L.A., 1724.
Fyles, T.M., Malik-Diemer, V.A., and Whitfield, D.M. Membrane transport systems. II. Transport of alkali metal ions against their concentration gradients, 1734.
Gajdos, L.J., see Brenner, H., 2004.
Gal, J.Y., see Persin, M., 2491.
Gallicano, K.D., Oakley, R.T., Paddock, N.L., and Sharma, R.D. The formation and reactions of carbanionic derivatives of methyl phosphazenes, 2654.
Gallicano, K.D., Paddock, N.L., Rettig, S.J., and Trotter, J. The preparation and crystal structure of η^2-nitrato(η^4-hexadecamethylcyclo- octaphosphazene (N^1,N^2,N^4,N^5))cobalt(II) nitrate, 2435.
Galus, Z., see Opallo, M., 1918.
Gamble, D.S. Orthophosphoric acid: calculation of concentration quotients for the first ionization equilibrium at 25.0°C, 1630.
Gao, Y.-L., see Liu, J.-S., 1680.
Garcia-Ramos, J.V., and Carmona, P. Adsorption of *N*-methylacetamide and L-arginine onto apatitic phosphates, 222.
Garegg, P.J., see Classon, B., 339.
Garmaise, D.L., see Chu, D.T.W., 763.
Garratt, D.G., Beaulieu, P.L., and Morisset, V.M. The reaction of some propargyl alcohols with benzeneselenenyl chloride, 927.
Garratt, D.G., see Przybylska, M., 658.
Garrigou-Lagrange, C., see Saidi-Idrissi, M., 3341.
Gaset, A., see Perineau, F., 19.
Gaultier, J., see Bennouna, C., 2891.
Gauthier, M., see Weinberg, E., 1307.
Gauthier, M.D., see Cowie, M., 1463.
Gee, N., and Freeman, G.R. Cation mobilities in C_1–C_4 hydrocarbon gases at densities up to the critical, 2988.
Georges, F.F.Z., see Lemieux, R.U., 1433.
Gérin, M., and Fresco, J. Ion exchange properties of trialkylammonium salts, 1705.
Germain, D., see Chapados, C., 2402.
Getoff, N., see Solar, S., 2719.
Getoff, N., see Zechner, J., 1744.
Gey, C., see Barlet, R., 621.
Ghosh, A.K., see Cheng, A.K., 3379.
Ghosh, S., Moulik, S.P., and Das, A.R. Spectrophotometric investigation on the interaction of acridine orange with methylene blue, phenosafranine, and disulphine blue in aqueous medium, 2449.
Gibson, A.D., see Strunz, G.M., 3161.
Giddings, M.R., and Hudec, J. The twist angle approach to the stereoselectivity in reduction of ketones, 459.
Gieschen, D.P., see Pettit, G.R., 217.
Gillis, H.A., see Trudel, G.J., 1235.
Gioia-Lobbia, G., see Berchiesi, G., 1375.
Glavinčevski, B.M., see Drake, J.E., 2909.

Glavincevski, B., and Brownstein, S.K. Complexing and exchange of boron, aluminum, and gallium chlorides with some Lewis bases, 3012.
Glew, D.N., see Clarke, E.C., 768.
Gliński, J.A., see Wróbel, J.T., 1101.
Goddard, J.D. Geometries of the ground and first excited triplet states of thioformaldehyde, 3200.
Goel, R.G., and Jha, N.K. Triphenylphosphine complexes of cadmium(II) perchlorate, nitrate, and trifluoroacetate preparation, characterization, and spectral studies, 3267.
Golding, P.D., Reddy, S., Scott, J.M.W., White, V.A., and Winter, J.G. The Orton rearrangement in aprotic solvents. Part IV. An examination of the kinetics of the rearrangement of *N*-bromo-4-chloroacetanilide and *N*-bromoacetanilide catalyzed by trifluoroacetic acid and trifluoroacetic acid-*d*, 839.
Goldsack, D.E., and Sarvas, C.D. Volume fraction statistics and the surface tensions of non-electrolyte solutions, 2968.
Goldstein, S.A., see Chu, N.Y.C., 679.
Gomez, R.R., see Kopecky, K.R., 851.
Gomez, R.R., see Kopecky, K.R., 1607.
Goodings, J.M., De Brou, G.B., and Bohme, D.K. Flame-ion probe of the reaction zone in a CH_4–O_2–Ar flame with added HCN, NH_3, and NO, 1810.
Goodings, J.M., see Tanner, S.D., 1760.
Gordon, R.W., see Kutney, J.P., 2334.
Gough, S.R., see Davidson, D.W., 2587.
Grabner, G., see Zechner, J., 1744.
Graham, W.A.G., see Dong, D.F., 1455.
Gravel, D., Deziel, R., Brisse, F., and Hechler, L. Diels–Alder adducts of 2-acetoxyfuran as a route to 2,3-functionalized 4-hydroxycyclohexanones. Application of X-ray diffraction to the problem of regio- and stereochemistry, 2997.
Green, D.G., Green, L.W., Page, J.A., Poland, J.S., and van Loon, G. The determination of copper, cadmium, and lead in sea water by anodic stripping voltammetry with a thin film mercury electrode, 1476.
Green, L.W., see Green, D.G., 1476.
Greenhouse, R., and Muchowski, J.M. Digitoxigenin-3-alkyl ethers, 1025.
Griesbaum, K., see Huh, T.-S., 3188.
Grignon-Dubois, M., Dunoguès, J., et Calas, R. Acylation du (cyclopropylméthyl)triméthylsilane. Une nouvelle voie d'accès aux énones non conjuguées, 802.
Gross, E.A., Vice, S.F., and Dmitrienko, G.I. Bromination–methanolysis of 2,3-disubstituted indoles; effects of side chain structure, 635.
Grossert, J.S., Hooper, D.L., and Neaves, W.M. A novel synthesis of 2,4,6-trithiaheptane and its conversion into 2,6-bis(methylthio)thiane. Spectral properties of some thiaalkanes, 326.
Grossert, J.S., Ratnayake, W.M.N., and Swee, T. A facile, versatile procedure for the preparation of fatty acid esters suitable for glc or hplc analyses, 2617.
Grue-Sørensen, G., see Leeper, F.J., 106.
Gudgin, E., Lopez-Delgado, R., and Ware, W.R. The tryptophan fluorescence lifetime puzzle. A study of decay times in aqueous solution as a function of pH and buffer composition, 1037.
Guernet, M., see Gueutin-Pelinard, C., 759.
Gueutin-Pelinard, C., Nivaud, E., Boucly, P., et Guernet, M. Constantes d'ionisation de dérivés de la pyrazolidine-3,5-dione dans l'éthanol. Relation avec l'électroactivité, 759.
Guilard, R., see Boukou-Poba, J.-P., 2962.
Guillaume, A., see Tanner, D.D., 1368.
Guiraum, A., see Capitan, F., 1201.
Gumbley, S.J., see Stewart, R., 2755.
Guntz-Dubini, R., see Thomas, A.F., 590.
Gupta, D., Knight, A.R., and Smith, P.J. Mass spectral studies of symmetrical and unsymmetrical dialkyl disulfides, 543.
Gurprasad, N.P., see Frederick, L.A., 1724.
Guthrie, J.P. The retroaldol reaction of 3-penten-2-one: equilibrium constant for hydration and rate constants for the hydration and retroaldol reactions in base, 45.
Guthrie, J.P., and O'Leary, S. A reinvestigation of the rate of reaction of *N*-decylimidazole with *p*-nitrophenyl decanoate, 2358.
Guzman, A., Muchowski, J.M., Strosberg, A.M., and Sims, J.M. Replacement of the butenolide moiety of digitoxigenin by cyclic Michael acceptor systems, 3241.
Hackett, P.A., see Nip, W.S., 2703.
Hackett, P.A., see Weinberg, E., 1307.
Haines, R.I., see Brodovitch, J.C., 1610.
Hakimelahi, G.H., and Just, G. β-Lactams. VIII. The synthesis of iso-oxapenams from *N*-substituted-4-hydroxymethylazetidinones, 941.
Haldna, Ü.L., see Cox, R.A., 2591.
Haley, L.V., Jacquier, B., and Koningstein, J.A. Site selective fluorescence and purity of a rare earth garnet crystal, 2441.

Hall, L.D., see Yalpani, M., 2934.
Hall, L.D., see Yalpani, M., 3105.
Hall, M.C., see Kopecky, K.R., 3090.
Hall, M.C., see Kopecky, K.R., 3095.
Halperin, B., and Koningstein, J.A. Conditions for excited-state Raman and absorption processes during optical pumping, 2792.
Hamaguchi, M., see Buncel, E., 795.
Hamed, M.M., see El-Kashef, H.S., 731.
Hamilton, M.C., see Ball, D.L., 1527.
Hamilton, R.G., and McLean, S. The conversion of sweroside to secologanin, 215.
Hamilton, R.G., see Purdy, J.R., 210.
Hanessian, S., and Lavallee, P. Total synthesis of (+)-thromboxane B_2 from D-glucose. A detailed account, 870.
Hanna, Z.S., see Baer, H.H., 889.
Hanson, A.W., McCulloch, A.W., and McInnes, A.G. Applications of the ene reaction. Synthesis and properties of substituted α-methylene-γ-lactones, 288.
Hansske, F., see Robins, M.J., 3360.
Harrison, A.G., see Herman, J.A., 2125.
Harrison, A.G., see Herman, J.A., 2133.
Harrison, A.G., see Li, Y.H., 1753.
Hartman, J.S., and Kelusky, E.C. Boron trihalide adducts of 1,1-bis(piperidinyl)ethylene. ^{13}C and ^{11}B nmr studies of a model system for β-carbon donation in enamine adducts, 1284.
Hasan, S.K., see Still, I.W.J., 199.
Hasan, S.K., see Wolfe, S., 406.
Hauw, C., see Bennouna, C., 2891.
Haynes, J.S., Sams, J.R., and Thompson, R.C. Synthesis and structural studies of iron(II) and iron(III) sulfonates, 669.
Hechler, L., see Gravel, D., 2997.
Hellwig, L.C., see Slemon, C.E., 3055.
Hencher, J.L., see Drake, J.E., 2898.
Henderson, D., and Blum, L. Perturbation theory, the mean spherical approximation, and the electrical double layer, 1903.
Henderson, D., and Blum, L. The application of the generalized mean spherical approximation to the theory of the diffuse double layer, 1906.
Henderson, G.N., see Fischer, A., 584.
Henderson, G.N., see Fischer, A., 2314.
Henry, P.M., see Welsh, W.A., 697.
Henshaw, P.F., see Petersen, N.O., 3377.
Hepler, L.G., see Allred, G.C., 1068.
Hepler, L.G., see Ewin, G.J., 2927.
Herman, J.A., and Harrison, A.G. Effect of reaction exothermicity on the proton transfer chemical ionization mass spectra of isomeric C_5 and C_6 alkanols, 2125.
Herman, J.A., and Harrison, A.G. Energetics and structural effects in the fragmentation of protonated esters in the gas phase, 2133.
Herman, J.A., see Li, Y.H., 1753.
Herscovics, A., see Yamazaki, T., 2247.
Hewitt, G., see Kutney, J.P., 2334.
Hewitt, G.M., see Kutney, J.P., 3350.
Hewitt, G.M., see Kutney, J.P., 2677.
Hills, G., and Silva, F. Interfacial excess entropies and solvent structures, 1835.
Ho, K.W., see Basu, S., 246.
Ho, L.-K., see Liu, H.-J., 1685.
Holland, H.L. Microbial hydroxylation of steroids. 7. Hydroxylation of *B*-nortestosterone and related compounds by *Rhizopus arrhizus* ATCC 11145, and ^{13}C nuclear magnetic resonance spectra of some *B*-norsteroids, 1651.
Holland, H.L., and Taylor, G.J. Enzymic aromatization of deuterium labelled testosterone and androst-4-ene-3,17-dione, 2809.
Hollebone, B.R., see Langford, C.H., 652.
Holmes, J.L., Burgers, P.C., and Terlouw, J.K. Water elimination from the keto and enol tautomers of ionised ethylacetate, 1805.
Holmes, J.L., Fingas, M., and Lossing, F.P. Towards a general scheme for estimating the heats of formation of organic ions in the gas phase. Part I. Odd-electron cations, 80.
Holzbecher, J., see Chatt, A., 1660.
Hoodless, I.M., Ross, R.A., and Swaminathan, R. Catalytic oxidation of *n*-propane and methyl alcohol over nickel(II) oxide, 865.
Hooper, D.L., see Grossert, J.S., 326.
Hopkinson, A.C., see Lee-Ruff, E., 1675.
Horiuchi, C.A., and Satoh, J.Y. Synthesis and bromination of 3-alkyl-5α-cholestan-2-one, 2382.
Hornof, V., see Neale, G., 1938.
Hoshino, M., see Basu, S., 246.

Hoskins, E.W., see Slemon, C.E., 3055.
Hough, L., Penglis, A.A.E., and Richardson, A.C. Synthesis of fluoro derivatives of 2-amino-2-deoxy-D-galactose and -D-glucose, 396.
Howard, J.A., Bennett, J.E., and Brunton, G. Absolute rate constants for hydrocarbon autoxidation. 30. On the self-reaction of the α-cumylperoxy radical in solution, 2253.
Howard, J.A., Tait, J.C., Yamada, T., and Chenier, J.H.B. A kinetic electron spin resonance study of the reaction of some oxy radicals with vanadyl acetylacetonate, 2184.
Howard-Lock, H.E., Lock, C.J.L., Turner, G., and Zvagulis, M. The crystal structure and vibrational spectra of *cis*-dichlorobis(cyclopropylamine)platinum(II), $PtCl_2(C_3H_5NH_2)_2$, 2737.
Hoyano, J.K., see Dong, D.F., 1455.
Hoyano, Y., see Ayer, W.A., 2665.
Hruska, F.E., see Cadet, J., 3313.
Hsi, S.C., see Cameron, D.G., 1357.
Huang, M.-F., see Liu, J.-S., 1680.
Huang, T.L.J., and Brewer, D.G. An investigation of the ^1H nmr isotropic shifts for some methyl-substituted bipyridine complexes with Ni(II) and Co(II), 1689.
Huber, C.P., see Post, M.L., 238.
Huckin, S.N., see Chu, D.T.W., 763.
Hudec, J., see Giddings, M.R., 459.
Huh, T.-S., Neumeister, J., and Griesbaum, K. Ozonolysis of substituted 1,2-dichloroethylenes in methanol: products and reaction course, 3188.
Hunter, R.J., see O'Brien, R.W., 1878.
Hurwitz, H.D., see Charles, M.H., 2053.
Ibata, T., see Liu, M.T.H., 559.
Idler, K.L., see Cox, R.A., 2591.
Ikezoe, Y., Sato, S., and Shimizu, S. Fission fragment radiolysis of carbon dioxide, 532.
Imai, T., and Nishida, S. Thermal fragmentation of 3-alkyl-2-phenyloxetanes, 3,3-dimethyl-2-aryloxetanes, and related compounds. A case study of 2-aryl-substituted oxetanes, 2503.
Inada, S., see Koto, S., 255.
Ingold, K.U., see Chatgilialoglu, C., 1745.
Iorio, M.A., Molinari, M., and Brossi, A. Synthesis of colchifoline from deacetylcolchiceine, 283.
Ireland, R.E., et Vevert, J.-P. Synthèse totale des acides (+) et (−) nonactique à partir de carbohydrates, 572.
Ito, M., Kimura, T., and Fueki, K. Electron trapping in alcohol clusters in γ-irradiated *n*-propanol–hydrocarbon glasses at 77 K, 2803.
Ito, Y., see Stadlbauer, J.M., 3261.
Itoh, T., see Watanabe, K.A., 468.
Jacobs, H., see Kutney, J.P., 3162.
Jacoli, G.G., see Kutney, J.P., 2677.
Jacquier, B., see Haley, L.V., 2441.
Jaime, C., see Camps, P., 2848.
James, M.A., see Knop, O., 2550.
Janzen, E.G., Shetty, R.V., and Kunanec, S.M. Spin trapping chemistry of 3,3,5,5-tetramethylpyrroline-*N*-oxide: an improved cyclic spin trap, 756.
Jean, Y.C., see Stadlbauer, J.M., 3261.
Jeanloz, R.W., see Yamazaki, T., 2247.
Jeffries, D., and Fresco, J. Solvent extraction of anionic surfactants. The stearic acid – metal triethylenetetramine chelate ion-pair, 1497.
Jenard, A., see Charles, M.H., 2053.
Jensen, W.B. Some comments on Linnett Double Quartet theory, 807.
Jha, H.C., Zilliken, F., Offermann, W., and Breitmaier, E. Carbon-13 nmr shifts and C—H coupling constants of deoxybenzoins and related acetophenones, 2266.
Jha, N.K., see Goel, R.G., 3267.
Johnston, E.R., see Perrin, C.L., 2527.
Jolicoeur, C., and Duchesne, D. Infrared and thermogravimetric studies of the thermal degradation of chrysotile asbestos fibers: evidence for matrix effects, 1521.
Jolicoeur, C., Roberge, P., and Fortier, J.-L. Separation of short fibers from bulk chrysotile asbestos fiber materials: analysis and physico-chemical characterization, 1140.
Jones, C.H.W., see Dance, N.S., 913.
Jones, C.H.W., see Dance, N.S., 918.
Jones, C.H.W., and Dombsky, M. An ^{129}I Mössbauer study of organotin iodides, 1585.
Jones, J.B., and Pliura, D.H. Effects of organic solvents on immobilized enzyme catalyses. Chymotrypsin immobilized on porous glass, 2921.

Jones, J.B., and Schwartz, H.M. Enzymes in organic syntheses. 19. Evaluation of the stereoselectivities of horse liver alcohol dehydrogenase; catalyzed oxidoreductions of hydroxy- and ketothiolanes, -thianes, and -thiepanes, 1574.
Joshua, A.V., see Lown, J.W., 2945.
Just, G., see Hakimelahi, G.H., 941.
Just, G., and Oh, H. Oxidation products of arachidonic acid. V. The synthesis of 8*R*,11*R*,15(*R* and *S*)-trihydroxy-9*S*,12*S*-oxyeicosa-5*Z*,13*E*-dienoic acids, 2729.
Just, G., see Payette, D.R., 269.
Just, G., Tsantrizos, Y.S., and Ugolini, A. β-Lactams. IX. The synthesis of 7-β-phenylacetamido-3′-hydroxybenzo-[3,4]-*O*-2-isocephem, a weak antibacterial β-lactam antibiotic, 2981.
Kakiuchi, T., see Mohilner, D.M., 1872.
Kakushima, M., see Strunz, G.M., 3161.
Kalinowski, M.K., see Wagner, E., 2957.
Kamińska-Bartel, L., see Taniewska-Osińska, S., 817.
Kaneko, C., see Robins, M.J., 3356.
Kaneko, M., see Robins, M.J., 3356.
Kaplan, M., see Binkewicz, J.B., 537.
Kartzmark, E.M., see Campbell, A.N., 2953.
Kavadias, G., and Velkof, S. 9-Oxobenzomorphans. IV. 9-Oxo-5-3′-(1′-hydroxypropyl)]- and 9-oxo-5-[3′-(1′-sulfidrylpropyl)]-6,7-benzomorphans as cyclic hemiketals and hemithioketals, 321.
Kayser, M.M., and Eisenstein, O. Theoretical study of regioselectivity in nucleophilic addition to unsymmetrical cyclic anhydrides. Intrinsic reactivity and influence of the cation, 2457.
Kazmaier, P.M., see Wolfe, S., 406.
Kebarle, P., see Lau, Y.K., 151.
Kebarle, P., see Sen Sharma, D.K., 1592.
Kebarle, P., see Sunner, J., 1787.
Keehn, P.M., see Chu, N.Y.C., 679.
Kelusky, E.C., see Hartman, J.S., 1284.
Kemper, M.J.H., and Buck, H.M. A theoretical study on the bimolecular hydrogen exchange aminonitrene $\rightarrow$ *trans*-diimide. Comparison with formaldehyde photochemistry, 3044.
Khan, A.S., Baldwin, W.G., and Chow, A. The extraction of alkali metal picrates by polyurethane foam using crown ether, 1490.
Khan, H.M., Waltz, W.L., Woods, R.J., and Lilie, J. Formation and characterization of transitory platinum–ammonia complex ions using pulse radiolysis, 3319.
Khan, M., Oldham, C., and Tuck, D.G. The direct electrochemical synthesis of triphenylphosphine adducts of Group IB monohalides, 2714.
Khasrou, L.N., see Drake, J.E., 2909.
Khasrou, L.N., see Drake, J.E., 2898.
Khasrou, L.N., see Drake, J.E., 2417.
Kidd, R.G., and Spinney, H.G. Antimony-121 nuclear magnetic resonance study of hexahaloantimonate anions, 2940.
Kim, J.H., see Aue, W.A., 1439.
Kim, K.S., and Szarek, W.A. Synthesis of 3′,7′-anhydrooctose nucleosides related to the ezomycins and the octosyl acids, 878.
Kim, Y., see Weaver, M.J., 1944.
Kimura, T., see Ito, M., 2803.
King, J.F., and Lee, T. M.-L. Betylates. 1. Synthesis and reactions of an isolable [0]betylate, *N*,*N*-dimethyl-*N*-(phenoxysulfonyl)-methanaminium fluorosulfate, 356.
King, J.F., and Lee, T. M.-L. Betylates. 2. The formation and high reactivity of alkyl [0]betylates, 362.
Kipouros, G.J., and Flengas, S.N. Equilibrium decomposition pressures of the compounds Na_2ZrCl_6 and Na_2HfCl_6, 990.
Kirchen, R.P., Ranganayakulu, K., Singh, B.P., and Sorensen, T.S. Ring size and positional constraints for μ-hydrido-bridging in dimethylcycloalkyl cations (n = 6–9), 2173.
Kister, J., see Bouin-Roubaud, D., 2883.
Klassen, N.V., see Trudel, G.J., 1235.
Klausner, A.E., see Cox, R.A., 1568.
Knight, A.R., see Gupta, D., 543.
Knop, O., Cameron, T.S., James, M.A., and Falk, M. Bis(triethylammonium) hexachlorostannate (IV): crystal structure and hydrogen bonding, 2550.
Ko, E.C.F., see Lee, C.C., 3309.
Köhler, G., see Zechner, J., 1744.
Kolt, R.J., see Edwards, O.E., 2096.
Kolthoff, I.M. Ionic strength effect on extraction of potassium complexed with crown ether 18-crown-6. Preliminary communication, 1548.
Kong, P.C., see Rochon, F.D., 195.

Kong, P.-C., and Rochon, F.D. Palladium compounds of pyrimidine and pyridine derivatives – proposed structure assignment changes, 3293.
Koningstein, J.A., see Haley, L.V., 2441.
Koningstein, J.A., see Halperin, B., 2792.
Kopecky, K.R., and Gomez, R.R. Quantum yield of solution photolysis of bicyclo[3.1.0]hexan-3-one and derivatives, 1607.
Kopecky, K.R., and Hall, M.C. Isotope effects in the diphenylpicrylhydrazyl-inhibited thermal polymerization of 2,6-dideuteriostyrene, 3090.
Kopecky, K.R., and Hall, M.C. Products of reaction between styrene and some radicals with 2,2-diphenyl-1-picrylhydrazyl, 3095.
Kopecky, K.R., and Levine, C. Nucleophilic substitution of 5,5-dimethyl-2-cyclopentenyl derivatives. Lack of S_N2' reaction, 3273.
Kopecky, K.R., Lockwood, P.A., Gomez, R.R., and Ding, J.-y. Thermolysis of the tricyclic 1,2-dioxetanes 3,4:3,4-dipropano-, 3,4-pentano-3,4-propano-, and 3,4-butano-3,4-propano-1,2-dioxetane, 851.
Kornyshev, A.A., and Vorotyntsev, M.A. Nonlocal dielectric response of the electrode/solvent interface in the double layer problem, 2031.
Korppi-Tommola, J., and Yip, R.W. Solvent effects on the visible absorption spectrum of crystal violet, 191.
Koto, S., Inada, S., Yoshida, T., Toyama, M., and Zen, S. One-stage glycosylation using protected glycose: the synthesis of *O*-β-D-glucopyranosyl-(1→3)-*O*-[β-D-glucopyranosyl -(1→6)]-D-glucopyranose, 255.
Kotovych, G., Aarts, G.H.M., and Nakashima, T.T. A nuclear Overhauser effect difference study and a two-dimensional *J* proton magnetic resonance study of (6*S*)-prostaglandin I_1, 1449.
Koulkès-Pujo, A.M., see Tran-Thi, T.H., 1032.
Koźmińska, D., Borkowska, Z., and Behr, B. Medium effect. Adsorption of *N*-methylformamide (NMF) at the Hg electrode from H_2O + NMF + NaCl solutions, 2043.
Kratochvil, B., see Al-Daher, I.M., 3346.
Kratochvil, B., Nolan, J., Cantwell, F.F., and Fulton, R.B. Purification and characterization of the indicator calmagite, 2539.
Krawchuk, B., see Schaefer, T., 566.
Krygowski, T.M., see Taniewska-Osińska, S., 817.
Krygowski, T.M., see Wieckowski, T., 1622.
Krylov, V.S., and Fishtik, I.F. Kinetics of electrode processes in the presence of a discrete layer of a specifically adsorbed organic substance, 2026.
Kulka, M. Synthesis of *N*-acyl-1,3-oxathiol-2-imines, 1557.
Kulkarni, B.B., see O'Brien, R.N., 1933.
Kumar, N.S., see Aspinall, G.O., 935.
Kumar, V., see McLean, S., 34.
Kunanec, S.M., see Janzen, E.G., 756.
Kundu, K.K., see Bhattacharya, A., 1153.
Kundu, K.K., see Datta, J., 3141.
Kundu, K.K., see Datta, J., 3149.
Kuo-Chen, C., and Forsen, S. Graphical rules of steady-state reaction systems, 737.
Kurihara, T., see Kutney, J.P., 2677.
Kurobane, I., Vining, L.C., McInnes, A.G., Smith, D.G., and Walter, J.A. Biosynthesis of elsinochromes C and D. Pattern of acetate incorporation determined by ^{13}C and ^{2}H nmr, 422.
Kutney, G.W., see Still, I.W.J., 199.
Kutney, J.P., Choudhury, M.K., Decesare, J.M., Jacobs, H., Singh, A.K., and Worth, B.R. Chemistry of thujone. IV. Cyclopropane derivatives and analogs of pyrethrins, 3162.
Kutney, J.P., Hewitt, G.M., Kurihara, T., Salisbury, P.J., Sindelar, R.D., Stuart, K.L., Townsley, P.M., Chalmers, W.T., and Jacoli, G.G. Cytotoxic diterpenes triptolide, tripdiolide, and cytotoxic triterpenes from tissue cultures of *Tripterygium wilfordii*, 2677.
Kutney, J.P., Singh, M., Hewitt, G., Salisbury, P.J., Worth, B.R., Servizi, J.A., Martens, D.W., and Gordon, R.W. Studies related to biological detoxification of kraft pulp mill effluent. I. The biodegradation of dehydroabietic acid with *Mortierella isabellina*, 2334.
Kutney, J.P., Singh, M., Dimitriadis, E., Hewitt, G.M., Salisbury, P.J., and Worth, B.R. Studies related to biological detoxification of Kraft pulp mill effluent. II. The biotransformation of isopimaric acid with *Mortierella isabellina*, 3350.
Lachance, P., and Eastham, A.M. The *sec*-butyl cation; reaction with 2-butene, 2621.
Lacombe, J.M., Pavia, A.A., et Rocheville, J.M. Un nouvel agent de glycosylation: l'anhydride trifluorométhanesulfonique. Synthèse des α et β *O*-glycosyl-L-sérine, -L-thréonine et -L-hydroxyproline, 473.
Lai, H.K., see Liu, H.-J., 1685.
LaLonde, R.T., and Eckert, T.S. Synthesis of α-thiohemiaminal derivatives of deoxynupharidine, 2298.
Lam, Y.-T., see Lossing, F.P., 2228.
Lamberton, J.A., see McLean, S., 34.
Lamperski, S., see Dutkiewicz, E., 1218.
Langford, C.H., Hollebone, B.R., and Nadezhdin, D. The photovoltaic properties and structure of palladium tetraphenylporphyrin on tin oxide photoelectrochemical cells, 652.
Langford, C.H., and Sasseville, R.L.P. The photochemical reaction of tris(ethylenediamine)cobalt(III) ion with ferrocyanide, 647.

Langford, C.H., Wong, S.M., and Underdown, A.W. The interaction of a soil fulvic acid with precipitating hydrous ferric oxide at pH = 6, 181.
Langford, G.E., see Yates, P., 344.
Lanzetta, R., see Parrilli, M., 2261.
Larson, J.W., see Allred, G.C., 1068.
Lasia, A., see Fawcett, W.R., 3256.
Lassalvy, C., Petrus, C., et Petrus, F. Action de l'hydroxyurée sur les esters α-acétyléniques, 175.
Lau, Y.K., and Kebarle, P. Hydrogen bonding solvent effect on the basicity of primary amines CH_3NH_2, $C_2H_5NH_2$, and $CF_3CH_2NH_2$, 151.
Laurent, J.-P., et Lepage, P. Etude rmn (^1H et ^{13}C) des interactions entre les nucléosides et les bleus de platine obtenus à partir du méthyle-1 nicotinamide, 1083.
Lavallee, P., see Hanessian, S., 870.
Leandri, G., see Faure, R., 1089.
Leblanc, R.M., see Chapados, C., 2402.
Ledbetter, J.E., Croxton, T.L., and McQuarrie, D.A. The interaction of two charged spheres in the Poisson–Boltzmann equation, 1860.
Lee, C.C., and Ko, E.C.F. Isotopic exchanges in the treatment of cyclopentane or cyclohexane with some deuterated or tritiated acids, 3309.
Lee, C.C., and Obafemi, C.A. Rearrangement studies with ^{14}C. XLV. The decomposition of *cis*- and *trans*-1,2-dianisyl-2-phenyl[2-^{14}C]vinylphenyltriazenes in acetic acid, 1636.
Lee, C.C., Obafemi, C.A., Quail, J.W., and Rappoport, Z. Rearrangement studies with ^{14}C. XLVI. Isotopic scrambling studies on the acetolysis of trianisylvinyl bromide labeled with ^{13}C and with ^{14}C, 2342.
Lee, D.G., and Sebastián, C.F. The oxidation of phenol and chlorophenols by alkaline permanganate, 2776.
Lee, D.G., and Sebastián, C.F. The oxidation of phenol and chlorophenols by manganate(VI) ion, 2780.
Lee, D.G., and Srinivasan, N.S. Oxidation of hydrocarbons. X. Concerning the formation of ketols and diones during the oxidation of alkenes by permanganate ions, 2146.
Lee, K.C., and Aubke, F. Fluorosulfates of palladium. Part 3. The tetrakis(fluorosulfato)palladate(II) ion, 2835.
Lee, T. M.-L., see King, J.F., 356.
Lee, T. M.-L., see King, J.F., 362.
Leeper, F.J., Grue-Sørensen, G., and Spenser, I.D. Biosynthesis of the quinolizidine alkaloids. Incorporation of Δ^1-piperideine into matrine, 106.
Lee-Ruff, E., Hopkinson, A.C., and Dao, L.H. Acid-catalyzed rearrangement of cyclobutanones. VI. Syntheses of chrysenes and steroid-like substances, 1675.
Leffek, K.T., and Pruszynski, P. The kinetics of proton and deuteron transfer from 4-nitrophenylnitromethane and 1-(4-nitrophenyl)-1-nitroethane to 2,7-dimethoxy-1,8-bis(dimethylamino)naphthalene in acetonitrile solvent, 3034.
Le Goaller, R., see Barlet, R., 621.
Leigh, W.J., and Arnold, D.R. Merostabilization in radical ions, triplets, and biradicals. 5. The thermal *cis–trans* isomerization of *para*-substituted tetraphenylethylenes, 609.
Leigh, W.J., and Arnold, D.R. Merostabilization in radical ions, triplets, and biradicals. 6. The excited state behaviour of *para*-substituted tetraphenylethylenes, 3061.
Lelandais, D., see Chkir, M., 945.
Lemieux, R.U., Georges, F.F.Z., and Smiatacz, Z. A novel approach to the synthesis of a variety of aminodeoxy-α-D-glycopyranosides, 1433.
Leniewski, A., MacLean, D.B., and Saunders, J.K. Application of carbon-13 nuclear magnetic resonance to the configurational analysis of stereoisomeric N_α-methyl-N_β-acetylphlegmarines, 2695.
Leniewski, A., Szychowski, J., and MacLean, D.B. The total synthesis of (±)-N_α-methyl-N_β-acetylphlegmarine, 2479.
Leontein, K., Lindberg, B., and Lönngren, J. Structural studies of the capsular polysaccharide from *Streptococcus pneumoniae* Type 12F, 2081.
Lepage, P., see Laurent, J.-P., 1083.
Lesage, M., see Edwards, O.E., 2096.
Lessard, J., Mondon, M., and Touchard, D. The photochemical addition of *N*-haloamides to olefins: the influence of various factors on the competition between 1,2-addition and hydrogen abstraction, 431.
Lestrade, J.-C., see Cachet, H., 1051.
Levi, M.D., Fedorovich, N.V., and Damaskin, B.B. Effect of the crystallographic inhomogeneity of a polycrystalline electrode surface on the kinetics of the cathodic reduction of anions, 2019.
Levine, C., see Kopecky, K.R., 3273.
Li, Y.H., Herman, J.A., and Harrison, A.G. Charge exchange mass spectra of some C_5H_{10} isomers, 1753.
Liew, J., see Micetich, R.G., 1020.
Lilie, J., see Khan, H.M., 3319.
Lin, M.S., see Stone, J.A., 2412.
Lindberg, B., see Leontein, K., 2081.

Liu, H.-J., and Browne, E.N.C. Total synthesis of α- and β-himachalene by an intermolecular Diels–Alder approach, 601.
Liu, H.-J., Ho, L.-K., and Lai, H.K. Annelation of β-keto thiolesters and synthetic application, 1685.
Liu, H.Y., see Weaver, M.J., 1944.
Liu, J.-S., see Findlay, J.A., 3018.
Liu, J.-S., Huang, M.-F., Gao, Y.-L., and Findlay, J.A. The structure of chicanine, a new lignan from *Schisandra sp.*, 1680.
Liu, M.T.H., and Ibata, T. Kinetics and mechanism of the thermal decomposition of *N*-nitrosodiphenylmethylimine, 559.
Liu, M.T.H., see Vaughan, K., 923.
Lo, L.Y.T., see Still, I.W.J., 199.
Loader, C.E., and Anderson, H.J. Pyrrole chemistry. XXIII. The cyanation of substituted pyrroles with chlorosulfonyl isocyanate (CSI). New syntheses of pyrrole-3-carbonitriles, 2673.
Lock, C.J.L., see Contreras, L., 1247.
Lock, C.J.L., see Howard-Lock, H.E., 2737.
Lockwood, P.A., see Kopecky, K.R., 851.
Longo, M.L., see Bottino, F.A., 1205.
Lönngren, J., see Leontein, K., 2081.
Lopez-Delgado, R., see Gudgin, E., 1037.
Lorimer, J.W. The least-squares triangle: a new method for evaluation of solid phase compositions from solubility measurements, 3076.
Lossing, F.P., see Holmes, J.L., 80.
Lossing, F.P., Lam, Y.-T., and Maccoll, A. Gas phase heats of formation of alkyl immonium ions, 2228.
Loutfy, R.O. Bulk optical properties of phthalocyanine pigment particles, 549.
Lown, J.W., and Chen, H.-H. Evidence for the generation of free hydroxyl radicals from certain quinone antitumor antibiotics upon reductive activation in solution, 390.
Lown, J.W., and Chen, H.-H. Electron paramagnetic resonance characterization and conformation of daunorubicin semiquinone intermediate implicated in anthracycline metabolism, cardiotoxicity, and anticancer action, 3212.
Lown, J.W., Joshua, A.V., and Chen, H.-H. Studies related to antitumor antibiotics. Part XXIV. High field ^{1}H nmr analysis and conformations of saframycins A and C, 2945.
Lown, J.W., and Singh, R. Synthesis of 3(2-haloethyl)aryltriazenes and study of their reactions in aqueous solution, 1347.
Lyklema, J., see de Keizer, A., 1969.
Macartney, D.H., and McAuley, A. The outer-sphere oxidation of ascorbic acid by the thioureapentacyanoferrate(III) ion, 132.
Macaulay, J.B., see Findlay, J.A., 3303.
Maccoll, A., see Lossing, F.P., 2228.
Mackay, G.I., Schiff, H.I., and Bohme, D.K. A room-temperature study of the kinetics and energetics for the protonation of ethane, 1771.
Mackay, G.I., see Tanner, S.D., 1615.
Mackinnon, M.J., see Benoit, R.L., 1501.
MacLean, D.B., see Buist, P.H., 828.
MacLean, D.B., see Contreras, L., 1247.
MacLean, D.B., see Leniewski, A., 2479.
MacLean, D.B., see Leniewski, A., 2695.
MacLean, D.B., see Slemon, C.E., 3055.
MacLean, G., Passmore, J., White, P.S., Banister, A., and Durrant, J.A. The redetermination of the crystal structure of trisulphur dinitrogen dioxide, 187.
Magnera, T.F., see Sunner, J., 1787.
Mahmoud, M.R., see El-Kashef, H.S., 731.
Maisonneuve, D.J., see Clarke, E.C., 768.
Maitte, P., see Bellec, C., 527.
Maitte, P., see Bellec, C., 2826.
Maitte, P., see Marçot, B., 1224.
Majid, A., see Drake, J.E., 2417.
Malatesta, V., see Cocivera, M., 629.
Malatesta, V., and Mugnoli, A. The crystal and molecular structure of *N,N'*-ethylenebis(benzoylacetoniminato)nickel(II), 2766.
Malik-Diemer, V.A., see Fyles, T.M., 1734.
Marzoni, L., see Parrilli, M., 2261.
Mantsch, H.H., see Cameron, D.G., 1357.
Mantsch, H.H., see Sapper, H., 2543.
Manuel, G., see Richer, J.-C., 1303.
Maquestiau, A., see Van Haverbeke, Y., 1701.
Marchessault, R.H., Coulombe, S., Morikawa, H., Okamura, K., and Revol, J.F. Solid state properties of poly-β-hydroxybutyrate and of its oligomers, 38.
Marchessault, R.H., see Morikawa, H., 2306.

Marçot, B., Rabaron, A., Viel, C., Bellec, C., Deswarte, S., et Maitte, P. Préparation, réduction chimique et électrochimique d'α-nitrostyrylcétones—synthèse d'hétérocycles azotés, 1224.
Marini-Bettolo, R., Flecker, P., Tsai, T.Y.R., and Wiesner, K. On cardioactive steroids. IV. A new synthesis of cardenolides, 1403.
Marini-Bettolo, R., Flecker, P., Tsai, T.Y.R., and Wiesner, K. Erratum: On cardioactive steroids. IV. A new synthesis of cardenolides, 3135.
Mark, F., see Solar, S., 2719.
Marmet, D., Boullanger, P., et Descotes, G. Réaction des glycosyl isonitriles avec les amines et les alcools, 373.
Maroni, Y., see Richer, J.-C., 1303.
Marsaioli, A.J., see Sarragiotto, M.H., 2771.
Martens, D.W., see Kutney, J.P., 2334.
Martin, J.-C., see Chastrette, M., 907.
Mason, S.G., see Bayramli, E., 1954.
Mason, S.G., see Bayramli, E., 1962.
Mathew, C.T., see Nickon, A., 302.
Mathews, J.F., see Eager, R.L., 2191.
Matsuda, A., see Watanabe, K.A., 468.
McAllister, T., Nicholson, A.J.C., and Scott, J.D. Ionization of nitromethane in the flame ionization detector, 1819.
McAuley, A., see Brodovitch, J.C., 1610.
McAuley, A., see Macartney, D.H., 132.
McBryde, W.A.E., see Field, T.B., 555.
McCaskill, R.H., see Ayer, W.A., 2150.
McCaskill, R.H., see Ayer, W.A., 2159.
McClelland, R.A., and Alibhai, M. The tetrahedral intermediate of a lactonization reaction, 1169.
McCulloch, A.W., see Hanson, A.W., 288.
McCulloch, A.W., McInnes, A.G., and Smith, D.G. Lewis acid promoted reactions of ethyl cyanoformate. Reaction with 2,5-dimethylfuran, 1395.
McCulloch, A.W., see Strunz, G.M., 3161.
McDonald, R.S., and Sibley, C.E. The intramolecular Cannizzaro reaction of phthalaldehyde, 1061.
McInnes, A.G., see Hanson, A.W., 288.
McInnes, A.G., see Kurobane, I., 422.
McInnes, A.G., see McCulloch, A.W., 1395.
McKague, A.B., Rettig, S.J., Trotter, J., and Douglas, G.R. Structure of a trichlorocyclohexenone from bleached kraft chlorination-stage effluent, 3372.
McKinnon, D.M., see Chauhan, M.S., 2223.
McKinnon, D.M., see Clark, P.D., 227.
McKinnon, D.M., see Clark, P.D., 1297.
McKinnon, D.M., see Schaefer, T., 566.
McKinnon, D.M., see Schaefer, T., 3204.
McLean, S., see Hamilton, R.G., 215.
McLean, S., Misra, R., Kumar, V., and Lamberton, J.A. The alkaloids of *Podopetalum ormondii*, 34.
McLean, S., see Purdy, J.R., 210.
McMahon, T.B., see Doiron, C.E., 2689.
McQuarrie, D.A., see Croxton, T., 1998.
McQuarrie, D.A., see Ledbetter, J.E., 1860.
Meesters, A.C.M., Rüeger, H., Rajeswari, K., and Benn, M.H. The formation of azoxyalkanes in reactions of some organometallic reagents with *N*-nitroso-*O*,*N*-dialkylhydroxylamines: the nonphotochemical synthesis of an acyclic (*E*)-azoxyalkane, 264.
Mehrotra, K.N., see Singh, S.B., 2475.
Melanson, R., see Rochon, F.D., 195.
Menard, D., and St-Jacques, M. Conformational dynamic investigation of 1,5-benzodioxepin and its dimethyl derivative by ^{1}H and ^{13}C nmr, 1160.
Meou, A., see Faure, R., 1089.
Mezey, P.G., see Bruno, A.E., 952.
Micetich, R.G., Fortier, R.A., and Wolfert, P. The iodination of azetidinone thio compounds. A convenient synthesis of 2-iodomethylpenams, 1018.
Micetich, R.G., Fortier, R.A., and Liew, J. The iodination of azetidinone thio compounds. *unsym*-Azetidinone disulfides from thiazolineazetidinones, 1020.
Michalik, W., see O'Brien, R.N., 1933.
Millefiori, A., see Millefiori, S., 821.
Millefiori, S., and Millefiori, A. Spectroscopic and electrochemical properties of intramolecularly hydrogen-bonded compounds. *Ortho*-hydroxyazobenzenes, 821.
Milliet, A., see Audier, H.E., 968.

Minghetti, G., see Banditelli, G., 1241.
Mishra, A. Investigation of a Ziegler–Natta catalyst system derived from a mixture of lithium tetraalkylaluminate, aluminum chloride, and titanium tetrachloride and its usefulness in polymerizations involving styrene, 1425.
Misra, R., see McLean, S., 34.
Mitchell, D.J., Wolfe, S., and Schlegel, H.B. A theoretical study of the CSH_4 and CPH_5 hypersurfaces. Geometries, tautomerization, and dissociation of sulfonium and phosphonium ylides, 3280.
Modro, T.A., see Cox, R.A., 1568.
Mohilner, D.M., Kakiuchi, T., and Taraszewska, J. Effect of organic compounds on electrolyte chemical potential in aqueous solutions at various temperatures, 1872.
Moir, D., see ApSimon, J.W., 1010.
Moir, R.Y., see Buncel, E., 2470.
Moise, A., and Pritchard, H.O. Theory of vibrational relaxation in mixtures of ortho- and para-hydrogen, 1277.
Molinari, M., see Iorio, M.A., 283.
Mondon, M., see Lessard, J., 431.
Morel, J.-P., see Morel-Desrosiers, N., 1.
Morel, J.-P., see Palma, M., 3248.
Morel-Desrosiers, N., and Morel, J.-P. Evaluation of thermodynamic functions relative to cavity formation in liquids: uses and misuses of Scaled Particle Theory, 1.
Morikawa, H., see Marchessault, R.H., 38.
Morikawa, H., and Marchessault, R.H. Pyrolysis of bacterial polyalkanoates, 2306.
Morisset, V.M., see Garratt, D.G., 927.
Moulik, S.P., see Ghosh, S., 2449.
Mruzek, M., see Audier, H.E., 968.
Muchowski, J.M., see Greenhouse, R., 1025.
Muchowski, J.M., see Guzman, A., 3241.
Mugnoli, A., see Malatesta, V., 2766.
Mulenga, M., see Charles, M.H., 2053.
Muller, R., see Van Haverbeke, Y., 1701.
Mullord, D.J., see Sudo, K., 1028.
Munshaw, T.J., see Butler, D.N., 3365.
Murray, F.E., see Sheraton, D.F., 2750.
Nadezhdin, D., see Langford, C.H., 652.
Nagumo, K., see Saito, K., 1717.
Naidu, P.R., see Choudary, N.V., 2210.
Nakane, R., see Saito, K., 1717.
Nakashima, T.T., see Kotovych, G., 1449.
Nakayama, H., see Davidson, D.W., 2587.
Nardin, R., see Cadet, J., 3313.
Natarajan, M., and Secco, E.A. Effect of CdI_2 on electrical conductivity and phase transition behavior in AgI, 2685.
Nayak, S.K., see Dash, U.N., 3030.
Neale, G., Hornof, V., and Chiwetelu, C. Importance of lignosulfonates in petroleum recovery operations, 1938.
Neaves, W.M., see Grossert, J.S., 326.
Néron-Desbiens, M., see Burnell, R.H., 2820.
Neudorfl, P.S., Back, R.A., and Douglas, A.E. The absorption spectrum of *trans*-diimide (N_2H_2) in the vacuum ultraviolet region, 506.
Neumeister, J., see Huh, T.-S., 3188.
Ng, B.W., see Stadlbauer, J.M., 3261.
Nicholson, A.J.C., see McAllister, T., 1819.
Nickon, A., Weglein, R.C., and Mathew, C.T. The brex-5-yl system. A uniquely structured norbornyl homolog, 302.
Nip, W.S., Hackett, P.A., and Willis, C. Carbon-13 isotopic selectivity in the infrared multiphoton photolysis of CF_2Cl_2–O_2 mixtures, 2703.
Nishida, S., see Imai, T., 2503.
Nivaud, E., see Gueutin-Pelinard, C., 759.
Nolan, J., see Kratochvil, B., 2539.
Norris, A.R., see Buncel, E., 795.
Norris, A.R., see Buncel, E., 2470.
Nováková, J., see Dolejšek, Z., 1824.
Nunez, H.A., O'Connor, J.V., Rosevear, P.R., and Barker, R. The synthesis and characterization of α- and β-L-fucopyranosyl phosphates and GDP fucose, 2086.
Oakley, R.T., see Cordes, A.W., 2364.
Oakley, R.T., see Gallicano, K.D., 2654.

Obafemi, C.A., see Lee, C.C., 1636.
Obafemi, C.A., see Lee, C.C., 2342.
O'Brien, R.N., Kulkarni, B.B., Michalik, W., and Santhanam, K.S.V. Steady state concentration polarization by laser interferometry, 1933.
O'Brien, R.W., and Hunter, R.J. The electrophoretic mobility of large colloidal particles, 1878.
O'Connor, J.V., see Nunez, H.A., 2086.
Offermann, W., see Jha, H.C., 2266.
Ogata, Y., and Tanaka, K. Kinetics of the oxidation of dimethyl sulfoxide with aqueous hydrogen peroxide catalyzed by sodium tungstate, 718.
Ogata, Y., Tomizawa, K., and Takagi, K. Photo-oxidation of formic, acetic, and propionic acids with aqueous hydrogen peroxide, 14.
Oh, H., see Just, G., 2729.
Ohyama, T., see Saito, K., 1717.
Okamura, K., see Marchessault, R.H., 38.
Oldham, C., see Khan, M., 2714.
O'Leary, S., see Guthrie, J.P., 2358.
Olivier, M.J., see Prizant, L., 1311.
Opallo, M., Dojlido, J., and Galus, Z. Adsorption of phthalic acid on mercury electrodes, 1918.
Otutakowski, J., see Welsh, W.A., 697.
Outhwaite, C.W. A preliminary treatment of solute and solvent interactions in the diffuse part of the electric double layer, 1854.
Ozainne, M., see Thomas, A.F., 590.
Paddock, N.L., see Cordes, A.W., 2364.
Paddock, N.L., see Gallicano, K.D., 2654.
Paddock, N.L., see Gallicano, K.D., 2435.
Paddock, N.L., Rangaaathan, T.N., Rettig, S.J., Sharma, R.D., and Trotter, J. Complexes of dodecamethylcyclohexaphosphazene with palladium(II) chloride and platinum(II) chloride. Crystal and molecular structure of *cis*-dichloro[η^2-dodecamethylcyclohexaphosphazene (*N,N'*)] palladium(II) sesquihydrate, 2429.
Paddock, N.L., see Sharma, R.D., 3157.
Page, J.A., see Green, D.G., 1476.
Paine, A.J., and Warkentin, J. A relative extrusibility scale and its application to the thermal fragmentation patterns of 5-membered ring diazenes, 491.
Pakrashi, S.C., see Chakravarty, A.K., 1328.
Palma, M., and Morel, J.-P. Viscosity of ternary mixtures. IV. Urea – *tert*-butyl alcohol – water at 25°C, 3248.
Paquette, J., see De Lisi, R., 1865.
Paradellis, T.C., see Edward, J.T., 597.
Paramasigamani, V., see Aue, W.A., 1439.
Parol, T., see Wagner, E., 2957.
Parrilli, M., Lanzetta, R., Dovinola, V., Adinolfi, M., and Mangoni, L. Glycosides from *Muscari comosum*. 1. Eucosterol glycoside and structure of its methanolysis products, 2261.
Parson, J.M., see Back, R.A., 1342.
Parsons, R. The contribution to the capacity of an electrode from a species adsorbed with partial charge transfer, 1898.
Passmore, J., see MacLean, G., 187.
Passmore, J., Sutherland, G., and White, P.S. The synthesis and X-ray crystal structure of triiodotellurium(IV)hexafluoroarsenate(V), TeI_3AsF_6, 2876.
Patey, G.N., see Croxton, T., 1998.
Pauptit, R.A., and Trotter, J. Crystal structure of a stemodin intermediate, 524.
Pauptit, R.A., and Trotter, J. Crystal structure of raucubaine, 1007.
Pauptit, R.A., and Trotter, J. Crystal structures of racemic and optically active 4,4'-dimethyl-1,1'-binaphthyl, 1149.
Pavia, A.A., see Lacombe, J.M., 473.
Pavia, A.A., et Ung-Chhun, S.N. Mécanisme de la réaction de glycosylation par réversion acide en présence d'anhydride trifluorométhane sulfonique comme agent de condensation, 482.
Payette, D.R., and Just, G. A total synthesis of the enantiomer of anhydromyriocin (anhydrothermozymocidin), 269.
Penglis, A.A.E., see Hough, L., 396.
Pepper, J.M., see Eager, R.L., 2191.
Pepper, J.M., see Sudo, K., 1028.
Perić, M., Peyerimhoff, S.D., and Buenker, R.J. *Ab Initio* CI calculation of the band structure in the $A\,^2B_1$–$X\,^2A_1$ electronic transition of BH_2, 1318.
Perineau, F., et Gaset, A. Etude de l'adsorption de surfactants ioniques et non ioniques sur de la matière végétale carbonisée, 19.
Perlin, A.S., see Rao, V.S., 333.
Perrin, C.L., and Johnston, E.R. Nuclear magnetic resonance studies of proton exchange in imidate esters and amides in strong acid, 2527.
Perron, G., see Davidson, I., 2212.

Perron, G., see De Lisi, R., 1865.
Perron, G., and Desnoyers, J.E. Heat capacities and volumes of dilute aqueous solutions of 1,3-dioxane and trioxane, 2599.
Perron, G., Roux, A., and Desnoyers, J.E. Heat capacities and volumes of NaCl, $MgCl_2$, $CaCl_2$, and $NiCl_2$ up to 6 molal in water, 3049.
Persin, M., et Gal, J.Y. Acidité dans les mélanges H_2O-ODPN. I. Etude de l'acidité dans l'oxydipropionitrile pur, 2491.
Petersen, N.O., and Henshaw, P.F. Separation of fluorescent impurities from Amphotericin B, 3377.
Peterson, G.C., see Bell, G.M., 1888.
Petrus, C., see Lassalvy, C., 175.
Petrus, F., see Bennouna, C., 2891.
Petrus, F., see Lassalvy, C., 175.
Pettit, G.R., Gieschen, D.P., Pettit, W.E., and Rawson, T.E. Stability of the 1,4-bis(2'-haloethyl)-1,4-diazabicyclo[2.2.1]heptane dication, 217.
Pettit, W.E., see Pettit, G.R., 217.
Peyerimhoff, S.D., see Perić, M., 1318.
Peyronel, G., see Battistuzzi, R., 591.
Phillips, D.D., see Dean, P.A.W., 50.
Philoche-Levisalles, M., see Armand, J., 1711.
Picquenard, E., et Dizabo, P. Echange isotopique hydrogène-deutérium subi par les groupements méthyles de la triméthyl-4,5,6 pyrimidone-2, 1270.
Piekarski, H., see Taniewska-Osińska, S., 817.
Pietrasanta, F., see Chiche, L., 164.
Pietraszkiewicz, M., see Fraser-Reid, B., 260.
Pietrzyk, D.J., see Rotsch, T.D., 2179.
Pinson, J., see Armand, J., 1711.
Pinson, J., see Bellec, C., 2826.
Pinto, B.M., see Cameron, T.S., 3136.
Piron, D.L., see Umetsu, Y., 1261.
Piron, D.L., see Umetsu, Y., 1580.
Plambeck, J.A., see Bansal, N.P., 1515.
Plancherel, D., and Eaton, D.R. Nitroxide derivatives of acetylacetone as spin-labelled ligands, 156.
Plénat, F., see Chiche, L., 164.
Plénat, F., see Chiche, L., 2373.
Pliura, D.H., see Jones, J.B., 2921.
Poirier, M.-A., see Richer, J.-C., 1303.
Poland, J.S., see Green, D.G., 1476.
Polensek, L., see Dean, P.A.W., 50.
Polissiou, M., Viet, M.T.P., St-Jacques, M., and Theophanides, T. High resolution nuclear magnetic resonance studies of platinum(II) – guanosine-5'-monophosphate interactions in aqueous solutions, 3297.
Pons, B.S. Simulation of electrochemical processes by orthogonal collocation. Spherical electrode geometry, 1538.
Post, M.L., Huber, C.P., Birnbaum, G.I., and Shugar, D. Crystal structures and conformations of 1-α-D-xylofuranosylcytosine and its protonated form (HCl salt), 238.
Pothier, N., see Deslongchamps, P., 1105.
Pothier, N., see Deslongchamps, P., 1122.
Pothier, N., see Deslongchamps, P., 1744.
Pothier, N., see Deslongchamps, P., 2787.
Pothier, N., Rowan, D.D., Deslongchamps, P., and Saunders, J.K. ^{13}C chemical shift data for 1,7-dioxaspiro[5.5]undecanes and related compounds, 1132.
Pouchan, C., see Saidi-Idrissi, M., 3341.
Pradhan, J., and Smith, P.J. Solvolysis of 9-(*ortho*-substituted benzyl)fluorene-9-trimethylammonium ions. The effect of steric crowding, 911.
Prasad, S. Thiotungstate isopolyanions: an electrometric study, 563.
Pritchard, H.O., see Moise, A., 1277.
Pritchard, H.O., see Vatsya, S.R., 772.
Pritchard, H.O., and Vatsya, S.R. Internal energy randomisation in weak-collision unimolecular reaction systems, 2575.
Prizant, L., Olivier, M.J., Rivest, R., and Beauchamp, A.L. Reactions of the methylmercury(II) ion with adenine and crystal structure of (adeninato-N9)methylmercury(II) monohydrate, 1311.
Prizant, L., Rivest, R., and Beauchamp, A.L. Complexes of methylmercury(II) with 1-methylcytosine and crystal structure of μ-(1-methylcytosinato-N3,N4)bis(methylmercury(II) nitrate, 2290.
Pruszynski, P., see Leffek, K.T., 3034.
Przybylska, M., and Garratt, D.G. The addition of 2,4-dinitrobenzenesulphenyl chloride to 2-methylenebicyclo[2.2.1]hept-5-ene: the crystal structure of 1-chloromethyl-3-*endo*-(2',4'-dinitrophenylthio)tricyclo[2.2.1.$0^{2,6}$]heptane, $C_{14}H_{13}ClN_2O_4S$, 658.

Purdy, J.R., Hamilton, R.G., Akhter, L., and McLean, S. Selective transformations of secologanin: dihydroxylation, 210.
Puvanesarajah, V., see Aspinall, G.O., 935.
Quail, J.W., see Lee, C.C., 2342.
Quinn, M.J., see Sagert, N.H., 1096.
Rabaron, A., see Marçot, B., 1224.
Rabenstein, D.L., see Reid, R.S., 1505.
Radics, L., see Findlay, J.A., 49.
Radics, L., see Findlay, J.A., 3018.
Rajeswari, K., see Meesters, A.C.M., 264.
Rajzmann, M., see Bouin-Roubaud, D., 2883.
Rakhit, S., see Findlay, J.A., 3018.
Ramaley, L., Dalziel, J.A., and Tan, W.T. Adsorption enhancement in square wave polarography, 3334.
Ramaley, L., and Tan, W.T. Single drop square wave polarography, 3326.
Raman, P.S., see Warnhoff, E.W., 688.
Ramani, R., and Boyd, R.J. Conformational aspects of L-histidine, 3232.
Ramaswamy, S., see Bates, G.S., 3120.
Ramos, J.F., see Riggio, R., 3305.
Ranganathan, T.N., see Cordes, A.W., 2364.
Ranganathan, T.N., see Paddock, N.L., 2429.
Ranganayakulu, K., see Kirchen, R.P., 2173.
Rangarajan, S.K., see Sangaranarayanan, M.V., 2072.
Rao, N.P., see Reddy, B.A., 3084.
Rao, V.S., and Perlin, A.S. Regioselective eliminations in reactions of carbohydrate derivatives with superoxide, or with borohydride in 2-propanol, 333.
Rappoport, Z., see Lee, C.C., 2342.
Ratnayake, W.M.N., see Grossert, J.S., 2617.
Rawson, T.E., see Pettit, G.R., 217.
Reddy, B.A., and Rao, N.P. Ultrasonic dispersion studies in 3-methylcyclohexanone, 3084.
Reddy, S., see Golding, P.D., 839.
Reichert, C., see Westmore, J.B., 1797.
Reid, R.S., and Rabenstein, D.L. Nuclear magnetic resonance studies of the solution chemistry of metal complexes. XVII. Formation constants for the complexation of methylmercury by sulfhydryl-containing amino acids and related molecules, 1505.
Reimer, K.J., Reimer, M.M., and Stillman, M.J. Aggregation of a symmetrical metalloporphyrin. Concentration and temperature dependence of the absorption and magnetic circular dichroism spectra of dilute zinc octamethyltetrabenzporphyrin solutions, 1388.
Reimer, M.L.J., see Westmore, J.B., 1797.
Reimer, M.M., see Reimer, K.J., 1388.
Reinsborough, V.C., see Fletcher, P.D.I., 1361.
Remin, M., see Cadet, J., 3313.
Rettig, S.J., see Anslow, S.E., 3123.
Rettig, S.J., see Chong, K.S., 94.
Rettig, S.J., see Chong, K.S., 518.
Rettig, S.J., see Chong, K.S., 996.
Rettig, S.J., see Chong, K.S., 1665.
Rettig, S.J., see Gallicano, K.D., 2435.
Rettig, S.J., see McKague, A.B., 3372.
Rettig, S.J., see Paddock, N.L., 2429.
Rettig, S.J., Storr, A., and Trotter, J. Crystal and molecular structures of three transition metal complexes incorporating the anionic tridentate chelating ligands $[Me_2Ga(N_2C_5H_7)OCH_2CH_2SR]^-$ where R = Et or Ph, 2391.
Revol, J.F., see Marchessault, R.H., 38.
Richardson, A.C., see Hough, L., 396.
Richer, J.-C., Poirier, M.-A., Maroni, Y., et Manuel, G. Influence des groupes *tert*-butyle, triméthylsilyle et triméthylgermyle sur la stéréochimie de réactions d'addition en série cyclohexénique. IV. Réduction, par des hydrures complexes, de cyclohexanones β ou γ substituées, 1303.
Riggio, R., Ramos, J.F., Ubeda, M.H., and Espindola, J.A. Mixtures of methyl isobutyl ketone with three butanols at various temperatures, 3305.
Ripmeester, J.A. Methyl group inequivalence and rotational barrier heights from ^1H nmr lineshapes: dimethylsulphoxide and trimethylsulphoxonium iodide, 1671.
Ripmeester, J.A., see Davidson, D.W., 2587.
Rivest, R., see Prizant, L., 1311.
Rivest, R., see Prizant, L., 2290.
Roberge, P., see Jolicoeur, C., 1140.

Roberts, J.D., see Allen, M., 451.
Robertson, R.E., see Blandamer, M.J., 2845.
Robins, M.J., Hansske, F., and Bernier, S.E. Nucleic acid related compounds. 36. Synthesis of the 2′-*O*-methyl and 3′-*O*-methyl ethers of guanosine and 2-aminoadenosine and correlation of *O*′-methylnucleoside ^{13}C nmr spectral shifts, 3360.
Robins, M.J., Kaneko, C., and Kaneko, M. Nucleic acid related compounds. 35. Synthesis of 5-bromo- and 5-deuterio-3-deazauridine, 3356.
Robins, M.J., and Uznański, B. Nucleic acid related compounds. 33. Conversions of adenosine and guanosine to 2,6-dichloro, 2-amino-6-chloro, and derived purine nucleosides, 2601.
Robins, M.J., and Uznański, B. Nucleic acid related compounds. 34. Nonaqueous diazotization with *tert*-butyl nitrite. Introduction of fluorine, chlorine, and bromine at C-2 of purine nucleosides, 2608.
Robinson, F.P., see Dixon, E.A., 2629.
Robinson, F.P., see Dixon, E.A., 2642.
Rocheleau, F., see Conway, B.E., 1987.
Rocheville, J.M., see Lacombe, J.M., 473.
Rochon, F.D., Kong, P.C., and Melanson, R. Synthesis of *cis*- and *trans*-platinum compounds with pyrimidine and crystal structures of *trans*-$[Pt(pyrimidine)_2X_2]$ where X = Cl and Br, 195.
Rochon, F.D., see Kong, P.-C., 3293.
Rooze, H., see Schmitz, G., 1177.
Rosevear, P.R., see Nunez, H.A., 2086.
Ross, R.A., and Fairbridge, C. Kinetics of the oxidation of ethane by nitric oxide over manganese(III) oxide, 2232.
Ross, R.A., see Hoodless, I.M., 865.
Rotsch, T.D., Cahill, W.R., Jr., Pietrzyk, D.J., and Cantwell, F.F. Ionic strength effect on liquid chromatographic retention of benzenesulfonates on nonpolar adsorbents, 2179.
Roux, A., see Perron, G., 3049.
Rowan, D.D., see Deslongchamps, P., 1105.
Rowan, D.D., see Deslongchamps, P., 1122.
Rowan, D.D., see Deslongchamps, P., 1744.
Rowan, D.D., see Deslongchamps, P., 2787.
Rowan, D.D., see Pothier, N., 1132.
Ruder, J.-P., see Slemon, C.E., 3055.
Rüeger, H., see Meesters, A.C.M., 264.
Ruo, T. C-S., see Tanner, D.D., 1368.
Ryan, D.E., see Chatt, A., 1660.
Ryan, D.E., see Stuart, D.C., 1470.
Saeedi-Ghomi, M.H., see Ayer, W.A., 2536.
Safarik, I., see Ekwenchi, M.M., 3226.
Sagert, N.H., Quinn, M.J., and Dixon, R.S. The transfer of alkanoic acids from dodecane to water, 1096.
Said, F.F., and Tuck, D.G. The fortuitous direct electrochemical synthesis of some copper(I) complexes, 62.
Saidi-Idrissi, M., Garrigou-Lagrange, C., et Pouchan, C. Détermination d'un champ de force de valence pour le chloro-3 triazole-1,2,4[4H] et ses dérivés deutériés (a), 3341.
St-Amour, R., and St-Jacques, M. The conformational properties of seven-membered heterocycles: 1,3-dioxacyclohept-5-ene and its 2-substituted derivatives, 2283.
St-Jacques, M., see Menard, D., 1160.
St-Jacques, M., see Polissiou, M., 3297.
St-Jacques, M., see St-Amour, R., 2283.
Saito, K., Yuki, H., Ohyama, T., Nakane, R., Nagumo, K., and Sato, T. A novel type rearrangement in cyclic β-dicarbonyl compounds in strong acid media, 1717.
Saito, K., Yuki, H., Shimada, T., and Sato, T. Metal-catalyzed organic photoreactions. $TiCl_4$-catalyzed photoreaction of 2-acetyl-1,3-dicarbonyl compounds in methanol, 1722.
Salisbury, P.J., see Kutney, J.P., 3350.
Salisbury, P.J., see Kutney, J.P., 2334.
Salisbury, P.J., see Kutney, J.P., 2677.
Salman, S.R., see Schaefer, T., 3026.
Sams, J.R., see Haynes, J.S., 669.
Samuelsson, B., see Classon, B., 339.
Sangaranarayanan, M.V., and Rangarajan, S.K. Microscopic modelling of adsorption and the generalised surface layer hypothesis, 2072.
Santhanam, K.S.V., see O'Brien, R.N., 1933.
Sapper, H., Cameron, D.G., and Mantsch, H.H. The thermotropic phase behavior of ascorbyl palmitate: an infrared spectroscopic study, 2543.

Sarragiotto, M.H., Filho, H.L., and Marsaioli, A.J. Erysotrine-*N*-oxide and erythrartine-*N*-oxide, two novel alkaloids from *Erythrina mulungu*, 2771.
Sarvas, C.D., see Goldsack, D.E., 2968.
Sasseville, R.L.P., see Langford, C.H., 647.
Sato, S., see Ikezoe, Y., 532.
Sato, T., see Saito, K., 1717.
Sato, T., see Saito, K., 1722.
Satoh, J.Y., see Horiuchi, C.A., 2382.
Saunders, J.K., see Deslongchamps, P., 1105.
Saunders, J.K., see Deslongchamps, P., 1122.
Saunders, J.K., see Deslongchamps, P., 1744.
Saunders, J.K., see Leniewski, A., 2695.
Saunders, J.K., see Pothier, N., 1132.
Sauvé, G., see Deslongchamps, P., 1105.
Sauvé, G., see Deslongchamps, P., 1744.
Savard, S., see Burnell, R.H., 2820.
Savignac, P., see Fabre, G., 2864.
Scaiano, J.C., see Selwyn, J.C., 663.
Scaiano, J.C., and Selwyn, J.C. Dynamic aspects of the behavior of aromatic ketone triplets in anionic micelles. A laser flash photolysis study, 2368.
Schaal, C., see Audier, H.E., 968.
Schaefer, T., Addison, B.M., Sebastian, R., and Wildman, T.A. Orientations of the hydroxyl and isopropyl groups in the *cis* and *trans* conformers of 2-isopropylphenol and 2-isopropyl-6-methylphenol, 1656.
Schaefer, T., McKinnon, D.M., Sebastian, R., and Krawchuk, B. On the existence of intramolecular hydrogen bonds in methyl *o*-mercaptobenzoate and 2-methoxymethylbenzenethiol, 566.
Schaefer, T., Sebastian, R., and Salman, S.R. The σ-π transmitted coupling over five and six bonds in pyridine–borane complexes. MO calculations on structure and spin–spin couplings, 3026.
Schaefer, T., Sebastian, R., and Wildman, T.A. Information from stereospecific spin–spin couplings about the relative absorptivities of the hydroxyl stretching bands in 2-iodophenol solutions, 3021.
Schaefer, T., Veregin, R.P., and McKinnon, D.M. The three conformations of 3,5-dichloro-2-hydroxythiophenol in solution, 3204.
Schiff, H.I., see Mackay, G.I., 1771.
Schlegel, H.B., see Mitchell, D.J., 3280.
Schmitz, G., et Rooze, H. Mécanisme des réactions du chlorite et du dioxyde de chlore. 1. Stoechiométrie des réactions du chlorite et cinétique en présence d'*ortho*-tolidine, 1177.
Schutte, R., see Ball, D.L., 1527.
Schwartz, H.M., see Jones, J.B., 1574.
Sciotto, D., see Bottino, F.A., 1205.
Scott, J.D., see McAllister, T., 1819.
Scott, J.M.W., see Golding, P.D., 839.
Scott, J.W.M., see Blandamer, M.J., 2845.
Sebastián, C.F., see Lee, D.G., 2776.
Sebastián, C.F., see Lee, D.G., 2780.
Sebastian, R., see Schaefer, T., 566.
Sebastian, R., see Schaefer, T., 1656.
Sebastian, R., see Schaefer, T., 3026.
Sebastian, R., see Schaefer, T., 3021.
Secco, E.A., see Natarajan, M., 2685.
Selwyn, J.C., and Scaiano, J.C. Static and dynamic phenomena in the quenching of phenanthrene triplets by conjugated dienes in anionic micelles, 663.
Selwyn, J.C., see Scaiano, J.C., 2368.
Sen Sharma, D.K., and Kebarle, P. Stability and reactivity of the benzyl and tropylium cations in the gas phase, 1592.
Servizi, J.A., see Kutney, J.P., 2334.
Shapiro, J.S., see Bayliss, S.G., 1827.
Sharma, R.D., Aubke, F., and Paddock, N.L. The reaction of tetrasulphur tetranitride with bis(fluorosulphuryl) peroxide: the electronic structure of the tetrathiazyl dication, 3157.
Sharma, R.D., see Gallicano, K.D., 2654.
Sharma, R.D., see Paddock, N.L., 2429.
Sheepy, I., see Cheng, A.K., 3379.
Sheraton, D.F., and Murray, F.E. Quantum yields in the photolytic oxidation of some sulphur compounds, 2750.
Shetty, R.V., see Janzen, E.G., 756.
Shimada, T., see Saito, K., 1722.

Shimizu, S., see Ikezoe, Y., 532.
Shugar, D., see Post, M.L., 238.
Sibley, C.E., see McDonald, R.S., 1061.
Silber, J.J., see Anunziata, J., 1291.
Silva, F., see Hills, G., 1835.
Simard, M.-A., and Fortier, J.-L. Heat capacity measurements of liquids with a Picker mixing flow microcalorimeter, 3208.
Sims, J.M., see Guzman, A., 3241.
Sinaÿ, P., see Fraser-Reid, B., 260.
Sindelar, R.D., see Kutney, J.P., 2677.
Sindhuatmadja, S., see Bunting, J.W., 3195.
Sing, R.A., and Bhat, S.N. Studies of molecular complexes of some π- and n-donors with iodine by the constant activity method, 1212.
Singh, A.K., see Kutney, J.P., 3162.
Singh, B.P., see Kirchen, R.P., 2173.
Singh, J., see Anunziata, J., 1291.
Singh, M., see Kutney, J.P., 2334.
Singh, M., see Kutney, J.P., 3350.
Singh, R., see Lown, J.W., 1347.
Singh, S.B., and Mehrotra, K.N. Effect of bis(acetylacetonato) copper(II) catalyst on the reaction of benzoylphenyldiazomethane with primary amines. A novel example of insertion of benzoylphenylcarbene into N—H bonds of amines, 2475.
Sivasothy, R., see Dolphin, D., 779.
Sjöström, M., see Edward, J.T., 2350.
Slemon, C.E., Hellwig, L.C., Ruder, J.-P., Hoskins, E.W., and MacLean, D.B. Synthesis of phthalideisoquinolines from 3-halophthalides and 3,4-dihydroisoquinolinium salts, 3055.
Smiatacz, Z., see Lemieux, R.U., 1433.
Smith, D.G., see Kurobane, I., 422.
Smith, D.G., see McCulloch, A.W., 1395.
Smith, P.J., see Gupta, D., 543.
Smith, P.J., see Pradhan, J., 911.
Smith, P.J., see Wu, S.-L., 3016.
Smith, W.B., and Barnard, G.D. A study of aqueous sodium cholate by ^{2}H nmr, 1602.
Smyth, T.A., see Fischer, A., 584.
Solar, S., Getoff, N., Solar, W., and Mark, F. Attack of H-atoms on aqueous thionine studied by pulse radiolysis, 2719.
Solar, W., see Solar, S., 2719.
Sorensen, T.S., see Kirchen, R.P., 2173.
Spenser, I.D., see Leeper, F.J., 106.
Spinney, H.G., see Kidd, R.G., 2940.
Splinter, D.E., see Stone, J.A., 1779.
Srinivasan, N.S., see Lee, D.G., 2146.
Srinivasan, R., see Stewart, R., 957.
Srinivasan, R., see Stewart, R., 2755.
Srinivasan, R., see Stewart, R., 3318.
Stadlbauer, J.M., Ng, B.W., Walker, D.C., Jean, Y.C., and Ito, Y. Muonium addition to vinyl monomers, 3261.
Stairs, R.A. Activation parameters for transport and thermal expansion, 2170.
Stanaszek, R.S., see Chu, D.T.W., 763.
Steer, R.P., see Bruno, A.E., 952.
Stewart, R., and Srinivasan, R. Studies in general acid and general base catalysis. Rate–acidity profiles for prototropic processes, 957.
Stewart, R., Srinivasan, R., and Gumbley, S.J. Chemical reactivity of lumazine derivatives. Acid–base and redox reactions of a number of lumazines, deazalumazines, and isoalloxazines. An unusual effect of methyl substitution, 2755.
Stewart, R., and Srinivasan, R. Erratum: Studies in general acid and general base catalysis. Rate-acidity profiles for prototropic processes, 3318.
Still, I.W.J., Arora, P.C., Hasan, S.K., Kutney, G.W., Lo, L.Y.T., and Turnbull, K. Conformational analysis and photochemical behavior of sulfoxides in the naphtho[1,2-*b*]thiopyran and naphtho[2,1-*b*]thiopyran series, 199.
Stillman, M.J., see Reimer, K.J., 1388.
Stillman, M.J., Stothers, J.B., and Stoessl, A. Capsidiol and 1-epicapsidiol: absolute configuration, nmr, and optical spectra of the dibenzoates, 2303.
Stoessl, A., see Stillman, M.J., 2303.
Stone, J.A., Lin, M.S., and Varah, J. The gas phase reactivity of the dimethylchloronium ion with alkylbenzenes, 2412.
Stone, J.A., and Splinter, D.E. Relative methylmercury cation affinities in the gas phase determined by high pressure mass spectrometry, 1779.

Storr, A., see Anslow, S.E., 3123.
Storr, A., see Chong, K.S., 94.
Storr, A., see Chong, K.S., 518.
Storr, A., see Chong, K.S., 996.
Storr, A., see Chong, K.S., 1331.
Storr, A., see Chong, K.S., 1665.
Storr, A., see Rettig, S.J., 2391.
Stothers, J.B., see Cheng, A.K., 3379.
Stothers, J.B., see Stillman, M.J., 2303.
Strausz, O.P., see Ekwenchi, M.M., 3226.
Strosberg, A.M., see Guzman, A., 3241.
Strunz, G.M., Kakushima, M., Gibson, A.D., McCulloch, A.W., and White, P.S. Erratum: The action of hypochlorite on *m*-cresol. Part 2. Muconic acid derivatives, 3161.
Stuart, D.C., see Chatt, A., 1660.
Stuart, D.C., and Ryan, D.E. Epithermal neutron activation analysis with a SLOWPOKE nuclear reactor, 1470.
Stuart, K.L., see Kutney, J.P., 2677.
Suau, R., see Basu, S., 246.
Sudo, K., Mullord, D.J., and Pepper, J.M. Lignin and related compounds. VIII. Lignin monomers and dimers from hydrogenolysis of aspen poplar wood using rhodium-on-charcoal catalyst, 1028.
Sun, K.M., see Fraser-Reid, B., 260.
Sun, W.F., see Wood, G.W., 2218.
Sunder, S., and Bernstein, H.J. Resonance Raman spectrum of a deuterated crystal violet: $[p(CH_3)_2N{\cdot}C_6D_4]_3C^+Cl^-$, 964.
Sunner, J., Magnera, T.F., and Kebarle, P. Ion–molecule equilibria measurements by high pressure mass spectrometry. Some recent advances in concepts and technique, 1787.
Suri, S.K. Excess volumes of binary mixtures of tetrahydrofuran with various hydrocarbons at 313.15 K, 2839.
Sutherland, G., see Passmore, J., 2876.
Sutton, J., see Tran-Thi, T.H., 1032.
Swaminathan, R., see Hoodless, I.M., 865.
Swee, T., see Grossert, J.S., 2617.
Swepston, P.N., see Cordes, A.W., 2364.
Symons, E.A., and Clermont, M.J. Deuterium isotope exchange between molecular hydrogen and cyclopentylamine, 2386.
Szarek, W.A., see Cameron, T.S., 3136.
Szarek, W.A., see Kim, K.S., 878.
Szychowski, J., see Leniewski, A., 2479.
Tait, J.C., see Howard, J.A., 2184.
Takagi, K., see Ogata, Y., 14.
Takiguchi, H., see Tanner, D.D., 1368.
Tan, W.T., see Ramaley, L., 3334.
Tan, W.T., see Ramaley, L., 3326.
Tanaka, K., see Ogata, Y., 718.
Taniewska-Osińska, S., Kamińska-Bartel, L., Piekarski, H., and Krygowski, T.M. Application of the Hancock steric constants to interpretation of heat of solution of benzamide in aliphatic alcohols, 817.
Tanner, D.D., Ruo, T. C-S., Takiguchi, H., and Guillaume, A. The relative rates of bromination of cyclohexane and cyclopentane with molecular bromine. Comparison of the reactions in solution and in vapor phase, 1368.
Tanner, S.D., Goodings, J.M., and Bohme, D.K. Hydrocarbon ions in fuel-rich, CH_4–C_2H_2–O_2 flames as a probe for the initiation of soot: an experimental approach, 1760.
Tanner, S.D., Mackay, G.I., and Bohme, D.K. An experimental study of the reactivity of the hydroxide anion in the gas phase at room temperature, and its perturbation by hydration, 1615.
Taraszewska, J., see Mohilner, D.M., 1872.
Tay, S.P., and Walker, S. Dielectric absorption of a few aromatic amines in a polystyrene matrix, 232.
Taylor, G.J., see Holland, H.L., 2809.
Taylor, K.F., see Baird, N.C., 814.
Teather, G.G., see Trudel, G.J., 1235.
Terabe, S., Yamamoto, K., and Ando, T. Streaming current detector for reversed-phase liquid chromatography, 1531.
Terlouw, J.K., see Holmes, J.L., 1805.
Theophanides, T., see Polissiou, M., 3297.
Thiel, J., see Forrest, T.P., 2870.
Thomas, A.F., Ozainne, M., and Guntz-Dubini, R. Erratum: Synthesis and stereochemistry of hydrogenated 1,1,4,4,7a-pentamethylindenes, 590.
Thompson, R.C., see Haynes, J.S., 669.
Timmins, G., see Werstiuk, N.H., 1022.

Timmins, G., see Werstiuk, N.H., 3038.
Timmins, G., see Werstiuk, N.H., 3218.
Tomizawa, K., see Ogata, Y., 14.
Torre, M., see Bottino, F.A., 1205.
Torrie, G.M., see Croxton, T., 1998.
Touchard, D., see Lessard, J., 431.
Tout, R.E., see Chatt, A., 1660.
Townsley, P.M., see Kutney, J.P., 2677.
Toyama, M., see Koto, S., 255.
Tran, T.Q., see Angyal, S.J., 379.
Tran-Thi, T.H., Koulkès-Pujo, A.M., et Sutton, J. Interaction électron–solvant dans la radiolyse-γ du *N*-methylacétamide et de ses mélanges à l'eau. Effet d'intercepteurs sélectifs, 1032.
Trasatti, S., see Daghetti, A., 1925.
Treiner, C. Some regularities in the behavior of salting constants for polar molecules in aqueous electrolyte solutions, 2518.
Trotter, J., see Anslow, S.E., 3123.
Trotter, J., see Chong, K.S., 94.
Trotter, J., see Chong, K.S., 518.
Trotter, J., see Chong, K.S., 996.
Trotter, J., see Chong, K.S., 1665.
Trotter, J., see Gallicano, K.D., 2435.
Trotter, J., see McKague, A.B., 3372.
Trotter, J., see Paddock, N.L., 2429.
Trotter, J., see Pauptit, R.A., 524.
Trotter, J., see Pauptit, R.A., 1007.
Trotter, J., see Pauptit, R.A., 1149.
Trotter, J., see Rettig, S.J., 2391.
Trudel, G.J., Gillis, H.A., Klassen, N.V., and Teather, G.G. Localized excess electrons in H_2O glasses and ice, 1235.
Tsai, T.Y.R., see Marini-Bettolo, R., 1403.
Tsai, T.Y.R., see Marini-Bettolo, R., 3135.
Tsang, R.Y-K., see Fraser-Reid, B., 260.
Tsantrizos, Y.S., see Just, G., 2981.
Tuck, D.G., see Khan, M., 2714.
Tuck, D.G., see Said, F.F., 62.
Turnbull K, ., see Still, I.W.J., 199.
Turner, G., see Howard-Lock, H.E., 2737.
Ubeda, M.H., see Riggio, R., 3305.
Ugolini, A., see Just, G., 2981.
Umemura, J., see Cameron, D.G., 1357.
Umetsu, Y., Baillon, J.P., Piron, D.L., et Bélanger, G. Comportement anodique des alliages NB–Co en milieu alcalin, 1580.
Umetsu, Y., Piron, D.L., et Bélanger, G. Polarisation cathodique en milieu alcalin des alliages NB–Co, 1261.
Underdown, A.W., see Langford, C.H., 181.
Ung-Chhun, S.N., see Pavia, A.A., 482.
Uzawa, J., see Chakravarty, A.K., 1328.
Uznański, B., see Robins, M.J., 2601.
Uznański, B., see Robins, M.J., 2608.
Valleau, J.P., see Croxton, T., 1998.
Vander Elst, L., see Van Haverbeke, Y., 1701.
van de Ven, T.G.M., see Bayramli, E., 1954.
Van Haverbeke, Y., Maquestiau, A., Muller, R., et Vander Elst, L. Etude d'interactions moléculaires en solution par analyse de la relaxation quadripolaire du deutérium. II. Associations de l'albumine sérique de boeuf en solution aqueuse, 1701.
van Loon, G., see Green, D.G., 1476.
Varadarajan, A., see Childs, R.F., 3252.
Varah, J., see Stone, J.A., 2412.
Vatsya, S.R., and Pritchard, H.O. Solution of the strong-collision master equation for unimolecular reaction, 772.
Vatsya, S.R., see Pritchard, H.O., 2575.
Vaughan, K., and Liu, M.T.H. Kinetics and mechanism of unimolecular decomposition of 3-methyl-1-*p*-tolyltriazene, 923.
Velkof, S., see Kavadias, G., 321.
Verducci, J., see Bennouna, C., 2891.
Veregin, R.P., see Schaefer, T., 3204.
Vevert, J.-P., see Ireland, R.E., 572.
Vice, S.F., see Gross, E.A., 635.

Vidal, M., see Audo, D., 2199.
Viel, C., see Bellec, C., 527.
Viel, C., see Marçot, B., 1224.
Viet, M.T.P., see Polissiou, M., 3297.
Vilchez, J.L., see Capitan, F., 1201.
Vincens, M., see Audo, D., 2199.
Vining, L.C., see Kurobane, I., 422.
Vitali, G., see Berchiesi, G., 1375.
Voituriez, L., see Cadet, J., 3313.
von Rudloff, E. The leaf oil terpene composition of incense cedar and coast redwood, 285.
Vorotyntsev, M.A., see Kornyshev, A.A., 2031.
Wagner, E., Parol, T., and Kalinowski, M.K. Successive electron transfers to dibiphenylene-ethene molecule — effect of solvent and electrolyte, 2957.
Walker, D.C., see Stadlbauer, J.M., 3261.
Walker, S., see Tay, S.P., 232.
Walter, J.A., see Kurobane, I., 422.
Waltz, W.L., see Khan, H.M., 3319.
Wan, J.K.S., see Chen, K.S., 116.
Wan, J.K.S., see Depew, M.C., 2708.
Wan, P., see Cox, R.A., 1568.
Ward, D.E., see Ayer, W.A., 2665.
Ware, W.R., see Gudgin, E., 1037.
Warkentin, J., see Cabelkova-Taguchi, L.M., 100.
Warkentin, J., see Cabelkova-Taguchi, L.M., 3087.
Warkentin, J., see Paine, A.J., 491.
Warnhoff, E.W., Wong, M.Y.H., and Raman, P.S. Intramolecular hydride shift in some noncyclic isopropyl ketols, 688.
Warren, C.D., see Yamazaki, T., 2247.
Watanabe, K.A., Matsuda, A., and Itoh, T. Nucleosides. 118. Total syntheses of pentopyranine B and D. Cytosine nucleosides elaborated by *Streptomyces griseochromogenes*, 468.
Wawzonek, S. Preparation and reactions of 4b-acetoxy-4b,9b-dihydroindeno[2,1-*a*]indene-5,10-dione, 2833.
Weaver, M.J., Liu, H.Y., and Kim, Y. The role of the supporting electrolyte cation in the kinetics of outer-sphere electrochemical redox processes involving metal complexes, 1944.
Weedon, A.C., see de Mayo, P., 2328.
Weglein, R.C., see Nickon, A., 302.
Weiler, L., see Alderdice, M., 2239.
Weinberg, E., Gauthier, M., Hackett, P.A., and Willis, C. Product distributions and isotopic selectivities in ir multiphoton dissociation of pentafluoroiodoethane, 1307.
Welsh, W.A., Otutakowski, J., and Henry, P.M. Kinetics and mechanism of the oxidation of cyclohexanone by a nickel(III) macrocyclic ligand complex in CH_3CN, 697.
Werstiuk, N.H., and Timmins, G. Hydrogen-deuterium exchange of heteroaromatics in neutral D_2O at elevated temperatures, 1022.
Werstiuk, N.H., and Timmins, G. Erratum: Hydrogen–deuterium exchange of heteroaromatics in neutral D_2O at elevated temperatures, 3038.
Werstiuk, N.H., and Timmins, G. Hydrogen–deuterium exchange and rearrangement of polycyclic aromatic hydrocarbons in dilute acid medium at elevated temperatures, 3218.
Westmore, J.B., Reimer, M.L.J., and Reichert, C. Ionization energies of metal chelates. Acetylacetonates, trifluoroacetylacetonates, and hexafluoroacetylacetonates of trivalent metals of the first transition series, 1797.
White, P.S., see MacLean, G., 187.
White, P.S., see Passmore, J., 2876.
White, P.S., see Strunz, G.M., 3161.
White, V.A., see Golding, P.D., 839.
Whitfield, D.M., see Frederick, L.A., 1724.
Whitfield, D.M., see Fyles, T.M., 1734.
Whitney, R.A. A photochemical approach to the synthesis of (±)-biotin, 2650.
Wickramanayake, P.P., Chatt, A., and Aue, W.A. Synthesis of inorganic multilayers on chromatographic supports, 1045.
Wickramasinghe, W.A., see Bird, P.H., 2879.
Wieckowski, T., and Krygowski, T.M. Crystallographic studies and physico-chemical properties of π-electron compounds. Part I. Crystal and molecular structure of 6-*N*,*N*-diacetylaminochrysene (DAAC), 1622.
Wiesner, K., see Marini-Bettolo, R., 1403.
Wiesner, K., see Marini-Bettolo, R., 3135.
Wildman, T.A., see Schaefer, T., 1656.
Wildman, T.A., see Schaefer, T., 3021.

Willis, C., see Nip, W.S., 2703.
Willis, C., see Weinberg, E., 1307.
Winnik, F.M., see Yates, P., 1641.
Winter, J.G., see Golding, P.D., 839.
Wold, S., see Edward, J.T., 2350.
Wolfe, S., Bowers, R.J., Hasan, S.K., and Kazmaier, P.M. Synthesis and conformations of α-aminoadipyl- and glycyl-α-aminoadipylthiazepine sulfoxides, 406.
Wolfe, S., see Mitchell, D.J., 3280.
Wolfert, P., see Micetich, R.G., 1018.
Wong, M.Y.H., see Warnhoff, E.W., 688.
Wong, P.C., and Arnold, D.R. Photochemical reactions of charge-transfer complexes. IV. The orientation effects of charge-transfer complexes: theory and experiment, 982.
Wong, P.C., and Boyd, R.J. Photochemical reactions of charge-transfer complexes. III. Molecular orbital studies of the charge-transfer complexes between 1,2-dimethoxyethylenes and 1,2-dicyanoethylenes, 974.
Wong, S.M., see Langford, C.H., 181.
Wood, G.W., and Sun, W.F. Field desorption mass spectrometry of sodium carboxylates. Intermolecular exchange of hydrogens and alkyl groups as shown by labelling, 2218.
Woods, R.J., see Khan, H.M., 3319.
Worth, B.R., see Kutney, J.P., 3162.
Worth, B.R., see Kutney, J.P., 3350.
Worth, B.R., see Kutney, J.P., 2334.
Wróbel, J.T., and Gliński, J.A. Stereospecific total synthesis of (±)-cassipurine, an alkaloid from rhizophoraceae, 1101.
Wu, K.T., and Yencha, A.J. Rate processes and nuclear magnetic resonance spectra of amine·SO_2 complexes + H_2O in liquid SO_2, 8.
Wu, S.-L., and Smith, P.J. The effect of the leaving group on the nature of the E2 transition state for reaction of 2-aryl-l-phenylethylammonium ions with ethoxide in ethanol, 3016.
Yalpani, M., and Hall, L.D. Synthesis of fluorescent probe – carbohydrate conjugates, 2934.
Yalpani, M., and Hall, L.D. Some chemical and analytical aspects of polysaccharide modifications. I. Nitroxide spin-labelling studies of alginic acid, cellulose, and xanthan gum, 3105.
Yamada, T., see Howard, J.A., 2184.
Yamamoto, K., see Terabe, S., 1531.
Yamasaki, K., see ApSimon, J.W., 1010.
Yamazaki, T., Warren, C.D., Herscovics, A., and Jeanloz, R.W. The synthesis of uridine diphosphate *N*-acetylhexosamines and uridine 5′-(2-acetamido-2-deoxy-α-D-mannopyranosyluronic acid diphosphate), 2247.
Yates, K., see Cox, R.A., 1568.
Yates, K., see Cox, R.A., 2591.
Yates, K., see Cox, R.A., 1560.
Yates, K., see Cox, R.A., 2116.
Yates, K., see Cox, R.A., 2853.
Yates, P., see Auksi, H., 2510.
Yates, P., and Langford, G.E. Synthesis of some bicyclo[2.2.2]oct-5-en-2-ones and bicyclo[2.2.2]octan-2-ones. Rearrangements accompanying oxidative decarboxylation with lead tetraacetate, 344.
Yates, P., and Winnik, F.M. Bridged-ring steroids. II. The synthesis of bridged steroids with a bicyclo[2.2.1]heptane ring A system, 1641.
Yencha, A.J., see Wu, K.T., 8.
Yip, R.W., see Korppi-Tommola, J., 191.
Yoshida, T., see Koto, S., 255.
Yuki, H., see Saito, K., 1717.
Yuki, H., see Saito, K., 1722.
Zabel, A.W., see Buncel, E., 3168.
Zabel, A.W., see Buncel, E., 3177.
Zabel, R.W., see de Mayo, P., 2328.
Zechner, J., Köhler, G., Grabner, G., and Getoff, N. Erratum: The role of the molecular environment for the primary photoprocesses of phenol in solution, 1744.
Zen, S., see Koto, S., 255.
Zeya, M., see Childs, R.F., 76.
Zilliken, F., see Jha, H.C., 2266.
Zohdi, H., see Eager, R.L., 2191.
Zundel, G., see Brzezinski, B., 786.
Zvagulis, M., see Howard-Lock, H.E., 2737.

CANADIAN JOURNAL OF CHEMISTRY

JOURNAL CANADIEN DE CHIMIE

VOLUME 59, 1981

Subject Index / Index des matières

Abs configuration capsidiol 2303
Absorption optical phthalocyanine vanadyl 549
Absorption optical pumping 2792
Abstraction hydrogen butylphenol acetylfuran 116
Abstraction hydrogen haloamide alkene 431
Acetal amido 431
Acetal dioxaspiroundecane stereoelectronic effect 1105
Acetal dioxaspiroundecane stereoelectronic effect correction 1744
Acetal thio oxathiaspiroundecane stereoelectronic effect 1122
Acetamide methyl radiolysis scavenger mechanism 1032
Acetamidodeoxymannopyranosyluronate diphosphate uridine 2247
Acetate alkylmethylnitrocyclohexadienyl melting point 584
Acetate buffer uranyl ion electroredn 1515
Acetate sodium mass spectra 2218
Acetate tautomer mass spectra 1805
Acetic acid mercapto complexation methylmercury 1505
Acetic acid photooxidn hydrogen peroxide 14
Acetic acid transfer dodecane water 1096
Acetolysis trianisylvinyl bromide isotope scrambling 2342
Acetone enolization kinetics 957
Acetonitrile electrolyte isentropic compressibility 2212
Acetophenone NMR carbon 2266
Acetoxyfuran Diels Alder regiochem stereochem 2997
Acetoxyindenoindenedione prepn hydrolysis methylation 2833
Acetylacetonatovanadyl reaction oxy radical kinetics 2184
Acetylacetone nitroxide deriv ESR 156
Acetylaminochrysene structure 1622
Acetylene methane flame ion 1760
Acetylenedicarboxylate ene reaction olefin 288
Acetylenic ester addn hydroxyurea 175
Acetylfuran butylphenol hydrogen abstraction 116
Acetylglucal haloamide addn stereochem 431
Acetylhexosamine uridine diphosphate 2247
Acetylthiophene redn photochem pentachlorophenol 116
Acetylthiophenedione coupling methanol photolysis 1722
Acid cation homologous heat formation 80
Acid fatty esterification chromatog 2617
Acid photolysis methylbenzenonium cation 76
Acid weak ionization aq DMSO 2350
Acidity function aq computer program 2116
Acidity function weak acid ionization 2350
Acidity lumazine deazalumazine isoalloxazine 2755
Acidity monoamide crown ether 1724
Acidity oxydipropionitrile solvent 2491
Acidity solvent effect styrylphenylthiazole ethiodide 731
Acrylate muonium addn kinetics 3261
Activation energy isomerization tetraphenylethylene 609
Activation epithermal neutron analysis shielding 1470
Activation parameter diffusion viscous flow 2170
Activity aq sodium sulfate 123
Activity charge discreteness electrode kinetics 1844
Activity ethylamine aq butanone 127
Activity single ion detn 1925
Activity surfactant water 1865
Acyclic ketol hydride shift 688
Acylation cyclopropylmethyltrimethylsilane 802
Additivity extrusibility scale 491
Additivity NMR deoxybenzoin acetophenone 2266
Addn acrylate muonium kinetics 3261
Addn arene condensed thiophene 227
Addn benzeneselenenyl chloride propynol regioselectivity 927
Addn dimethylfuran cyanoformate 1395
Addn hydroxyurea acetylenic ester 175
Addn kinetics hydrazine ethyl thioacetoacetate 629
Addn Michael maleate fumarate hydroxyurea 2891
Addn naphthothiophene arom hydrocarbon 1297
Addn nucleophilic cyclic anhydride MO 2457
Addn organolithium methylenecyclopropanecarboxaldehyde stereochem 2199
Addn photochem haloamide alkene 431
Addn radical furaldehyde double bond 116
Addn reaction trinitrobenzene trimethylphenoxide 2470
Addn. Michael thiol ester 1685
Adduct arsine boron IR NMR 2417
Adeninatomethylmercury crystal mol structure 1311
Adenine methylmercury complex structure 1311
Adriamycin reductive activation 390
Adsorbed org electrode reaction kinetics 2026
Adsorption alkylammonium water air interface 1978
Adsorption alkylammonium water mercury interface 1987
Adsorption elec double layer force 1888
Adsorption electrode capacitance charge transfer 1898
Adsorption electrode electrolyte interface model 2072
Adsorption electrode reaction kinetics 1844
Adsorption enhancement polarog square wave 3334
Adsorption entropy halide mercury electrode 2053
Adsorption methylacetamide apatitic calcium phosphate 222
Adsorption methylformamide mercury electrode 2043
Adsorption phthalic acid mercury electrode 1918
Adsorption property surface asbestos fiber 1140
Adsorption silver iodide double layer 1969
Adsorption surfactant sulfuric acid lignin 19
Air water interface adsorption alkylammonium 1978
Albumin binding drug quadrupole relaxation 1701
Alc benzamide enthalpy soln 817
Alc cation homologous heat formation 80
Alc cluster electron trapping radiolysis 2803
Alc dehydrogenase model 65
Alc dehydrogenase stereospecificity liver 1574
Alc ethane dichloro vol mixing 2210
Alc glucopyranosyl isonitrile 373

Alc oxo tricyclic 2665
Aldehyde cation homologous heat formation 80
Aldehyde cyclic ketone aldol 3303
Aldehyde phosphonyl aminobenzylation 2864
Aldimine NMR lithiation 3007
Aldimine NMR shielding 705
Alditol conformation 333
Aldol cyclic ketone aldehyde 3303
Aldol retro pentenone kinetics 45
Alginate nitroxide spin labeling 3105
Aliph acid photooxidn hydrogen peroxide 14
Alkali chloride sepn hafnium zirconium 990
Alkali metal cation transport crown ether 1734
Alkali picrate extn polyurethane foam 1490
Alkaloid Podopetalum 34
Alkane cation homologous heat formation 80
Alkane cycloalkane vibrational energy 1381
Alkane heat formation conformation effect 3192
Alkanediamine hydrogen bond IR 786
Alkanol chem ionization mass spectra 2125
Alkene haloamide photochem addn 431
Alkoxyalkyl nitroxide conformation ESR 1745
Alkoxycarbonyl amino acid carbodiimide alkoxyoxazolone formation 384
Alkoxyoxazolone formation alkoxycarbonyl amino acid carbodiimide 384
Alkyl disulfide mass spectra 543
Alkyl halide cation homologous heat formation 80
Alkyl methylsulfonate methyl fluorosulfate 362
Alkylamine adsorption water mercury interface 1987
Alkylamine adsorption water surface hydration 1978
Alkylamine hydrobromide water thermodn 1865
Alkylammonium adsorption water air interface 1978
Alkylammonium adsorption water mercury interface 1987
Alkylammonium bromide ultrasound acetonitrile 2212
Alkylammonium salt anion exchange hydrolysis 1705
Alkylaryloxetone thermolysis mechanism 2503
Alkylation alkyl hexenopyranoside 889
Alkylation cholestanone 2382
Alkylation digitoxigenin diazoalkane 1025
Alkylation trithiaheptane 326
Alkylbenzene reaction dimethylchloronium ion 2412
Alkylcholestanone prepn bromination 2382
Alkylidenealkylcyclopropyl ketone asym redn 2199
Alkylmethylnitrocyclohexadienyl acetate melting point 584
Alkylsulfate micelle nickel complexation pyridineazodimethylaniline 1361
Alkyne cation homologous heat formation 80
Allergen removal polymer oil 1405
Allyl nickel palladium complex 996
Allylic substitution alkyl hexenopyranoside 889
Alpha himachalene 601
Alumina coated silica chromatog 1045
Aluminum chloride cyanoformate dimethylfuran 1395
Aluminum chloride naphthothiophene 1297
Aluminum hexadecyl catalyst polymn 1425
Aluminum nitroxide complex ESR 156
Amide adsorption IR calcium phosphate 222
Amide lactam protonation 1568
Amide protonation regioselectivity 2527
Amido acetal 431
Amination alkyl hexenopyranoside 889
Amine alkyl adsorption water mercury 1987
Amine alkyl adsorption water surface 1978
Amine alkyl hydrohalide anion exchange 1705
Amine charge transfer benzonitrile UV 1291
Amine chromatog electrokinetic detector 1531
Amine condensation chelocardin 763
Amine ethyl ketone aq system 127
Amine glucopyranosyl isonitrile 373
Amine hydration thermodn 151
Amine hydrobromide water thermodn 1865
Amine insertion benzoylphenylcarbene 2475
Amine matrix dielec absorption 232
Amine methylation phenoxysulfonylmethanaminium fluorosulfate 356
Amine neutralization methyl sulfoxide 1501
Amine reaction sulfur dioxide NMR 8
Amino acid glycosyl 473
Amino acid mercurate halo structure 138
Amino sugar 889
Aminoadenosine guanosine methyl ether 3360
Aminoadipylthiazepine sulfoxide prepn conformation 406
Aminoalkyl resin lactone binding 1405
Aminoalkylphosphonate 2864
Aminobenzylation oxoalkylphosphonate 2864
Aminodeoxyglycopyranoside 1433
Aminoketone deamination mechanism 2096
Aminomethylphosphine oxide 27
Aminonaphthalene proton transfer nitrophenylnitroalkane mechanism 3034
Aminonitrene diimide rearrangement MO 3044
Aminopurine nucleoside 2601
Aminopurine nucleoside diazotization 2608
Ammine chromium electroredn kinetics electrolyte 1944
Ammonia methane flame 1810
Ammonia platinum complex pulse radiolysis 3319
Ammonium alkyl adsorption water mercury 1987
Ammonium alkyl adsorption water surface 1978
Ammonium arylphenylethyl elimination transition state 3016
Ammonium benzylfluorene elimination solvolysis 911
Ammonium tetraethyl copper complex electroformation 62
Amphotericin B fluorescent impurity 3377
Amyrin beta intermediate 1010
Analysis cyclic neutron activation 1660
Anchimeric assistance rearrangement dichlorocyclopropane deriv 164
Androstenedione deuterated enzymic aromatization 2809
Androstenone condensation furan 1403
Androstenone condensation furan correction 3135
Anhydride cyclic nucleophilic addn MO 2457
Anhydride glycosidic heptose 379
Anhydroheptose 379
Anhydrohexopyranose optical rotation mol structure 907
Anhydromyriocin enantiomer total synthesis 269
Anhydrooctose nucleoside 878
Anhydrothermozymocidin enantiomer total synthesis 269
Aniline basicity methyl sulfoxide 1501
Aniline iodine charge transfer complex 1212
Aniline matrix relaxation dielec 232
Anion electroredn kinetics crystallog inhomogeneity 2019
Anion exchange alkylammonium salt hydrolysis 1705
Anion radical arom aldehyde dimerization 3256
Anionic micelle phenanthrene triplet quenching 663
Anisyivinyl bromide acetolysis isotope scrambling 2342
Annulation oxo thiol ester 1685
Anodic polarization cobalt niobium alloy 1580
Anodic stripping voltammetry seawater analysis 1476
Anomeric effect conformation nitroxide 1745
Anomeric effect oxathiaspiroundecane 1122
Anomeric effect prepn 1105
Anomeric effect prepn correction 1744
Anthracene perdeuteration 3218

Antibiotic antitumor quinone reductive activation 390
Antimonate halo NMR 2940
Antimony NMR haloantimonate 2940
Antitumor antibiotic quinone reductive activation 390
Antitumor haloethylaryltriazene decompn 1347
AO rational CI wave function 1552
Apatitic calcium phosphate adsorption methylacetamide 222
Apocamphoric acid cis 2848
Aqua chromium electroredn kinetics electrolyte 1944
Arabinose hydroxyproline ester 473
Arene addn condensed thiophene 227
Arginine adsorption IR calcium phosphate 222
Argon metastable interaction arom nitro 1439
Arom hydrocarbon addn naphthothiophene 1297
Arom nitro compd chromium II 3346
Arom nitro degrdn gas chromatog 1439
Arom polycyclic perdeuteration 3218
Aromatization cyclohexadiene cation intermediate 2314
Aromatization enzymic deuterated androstenedione 2809
Arsenate silver std potential thermodn 3030
Arsine boron adduct IR NMR 2417
Arsinylphosphazene 2654
Aryl group carbon NMR 451
Aryldimethyltriazolinone fragmentation solvent effect 100
Arylphenylethylammonium elimination transition state 3016
Arylpyrrole Vilsmeier formylation 2962
Asbestos chrysotile fiber thermal degrdn 1521
Asbestos fiber adsorption property surface 1140
Ascorbate oxidn ferrate complex 132
Ascorbate photooxidn pyruvate deriv ESR 2708
Ascorbyl palmitate IR thermotropism 2543
Aspenwood hydrogenolysis lignin deriv 1028
Assocn butanone ethylamine aq system 127
Assocn const charge transfer complex 982
Assocn crystal violet 191
Assocn zinc tetrabenzoporphinate 1388
Asym redn acylcyclopropane 2199
Autoionization aq solvent thermodn 3141
Azabicycloheptane dication neoplasm inhibitor 217
Azabicyclohexenone oxazinone photolysis 2328
Azetidinone disulfide 1020
Azetidinone hydroxymethyl cyclization 941
Azetidinone iodination 1018
Azobenzene hydroxy hydrogen bond MO 821
Azomethine heterocyclic conformation NMR 1205
Azoxyalkane 264
Bactericide benzoisocephem 2981
Barrier potential rotation dioxacycloheptene 2283
Barrier rotation iodophenol 3021
Barrier rotation methylsulfoxonium iodide 1671
Barrier rotational tetraphenylethylene 609
Base exchange reaction methylmercuric cation 1779
Basicity aniline pyridine methyl sulfoxide 1501
Basicity fluorocarbonyl compd gas phase 2689
Basicity lumazine deazalumazine isoalloxazine 2755
Basicity thiolate LFER 1505
Benzamide alc enthalpy soln 817
Benzamide butyl protonation UV 1560
Benzamide hydrolysis kinetics 2853
Benzamide protonation spectra 1568
Benzanthracene perdeuteration 3218
Benzene alkyl reaction dimethylchloronium 2412
Benzeneselenenyl chloride addn propynol regioselectivity 927
Benzenesulfenyl chloride reaction bicycloheptene 658
Benzenesulfonate chromatog retention ionic strength 2179
Benzil monoimine 2475
Benzimidatium hydrolysis kinetics 2853
Benzodioxepin conformation NMR 1160
Benzoic acid alc enthalpy soln 817
Benzoisocephem phenylacetamido hydroxy 2981
Benzomorphan oxo sulfidrylpropyl hydroxypropyl ketal 321
Benzonitrile charge transfer amine UV 1291
Benzopyrene perdeuteration 3218
Benzoyl diazatricyclododecandione structure 3136
Benzoylcyclohexenone photochem dimerization structure 3136
Benzoylphenylcarbene insertion amine 2475
Benzoylphenyldiazomethane thermolysis cupric bisacetylacetonate catalyst 2475
Benzyl tropylium cation reactivity 1592
Benzylfluorenetrimethylammonium solvolysis ion 911
Beta amyrin intermediate 1010
Beta himachalene 601
Betylate nucleophile reaction 356
Betylate Swain Lupton LFER 362
Bianthrylidene mechanism thermal isomerization 609
Bicycloalkane dimethoxy bromine oxidn 2848
Bicycloheptane A ring bridged steroid 1641
Bicycloheptane diaza dication prepn 217
Bicycloheptane endo substituted 3365
Bicycloheptene reaction benzenesulfenyl chloride 658
Bicycloheptenone naphthyl prepn rearrangement 1675
Bicyclohexanone photolysis 1607
Bicyclononanone 1685
Bicyclooctadienone dimethyl 3252
Bicyclooctanone deriv rearrangement 344
Bicyclooctenone 344
Bifluorenylidene electron transfer 2957
Bifluorenylidene polarog 2957
Binaphthyl methyl crystal structure 1149
Binaphthyl perdeuteration 3218
Biodegrdn dehydroabietic acid Mortierella isabellina 2334
Biol analysis cyclic neutron activation 1660
Biotin photochem synthesis 2650
Biotransformation isopimaric acid 3350
Biphenyl iodine charge transfer complex 1212
Bipyridine halide copper complex electroformation 62
Bipyridine methyl cobalt nickel NMR 1689
Bipyridine nickel 3 oxidant 1610
Bisulfite ion aq dissocn thermodn 1068
Bitumen water solid oil sand 1527
Biuret heat mixing urea water 1257
Boltzmann Poisson charged sphere potential 1860
Bond order diphenyldicarboximide 2463
Bond tellurium iodine Moessbauer 918
Bonded phase inorg gas chromatog 1045
Borane pyridine complex NMR coupling 3026
Borohydride elimination carbohydrate 333
Boron arsine adduct IR NMR 2417
Boron halide methylphosphine IR Raman 2898
Boron hydride transition structure 1318
Boron trihalide adduct piperidinylethylene NMR 1284
Branched chain sugar 889
Brexyl system IR NMR 302
Bridged phosphido palladium platinum NMR 1188
Bridged steroid bicycloheptane A ring 1641
Bromide alkylammonium exchange extn 1705
Bromination alkylcholestanone 2382
Bromination carbohydrate tribromoimidazole triphenylphosphine 339
Bromination cyclopentane cyclohexane kinetics 1368
Bromination methanolysis indole substituent effect 635
Bromine oxidn bicycloalkane dimethoxy 2848

Bromine redn fluorosulfato palladate 2835
Bromo deuterio deazauridine 3356
Bromoacetanilide Orton rearrangement kinetics 839
Bromoimidazole bromination carbohydrate 339
Bromomercurate homocysteine thiolactonium structure 138
Bromopropane photolysis 1827
Butanethione methyl UV MO 952
Butanol aq sodium sulfate potential 1872
Butanol methyl isobutyl ketone 3305
Butanol urea aq viscosity 3248
Butanone ethylamine aq system assocn 127
Butene oligomerization rearrangement 2621
Butyl cation exchange benzyl chloride 1592
Butylbenzamide protonation UV 1560
Butylcyclohexanone stereoselective hydride redn 1303
Butylphenol acetylfuran hydrogen abstraction 116
Butyric acid transfer dodecane water 1096
Cadmium copper lead detn seawater 1476
Cadmium phosphine chalcogenide complex NMR 3221
Cadmium silver iodide elec cond 2685
Cadmium triphenylphosphine complex 3267
Cage effect transfer bromination 1368
Calcium chloride aq 3049
Calcium nitrate uranyl ion electroredn 1515
Calcium phosphate apatitic adsorption methylacetamide 222
Calcium salt analysis potassium extn 1548
Calmagite indicator purifn 2539
Calorimeter micro heat capacity liq 3208
Calorimeter titrn ion exchange study 2927
Cannizzaro intramol phthalaldehyde kinetics 1061
Capacitance dihaloethane rotational isomerism 1218
Capacitance double layer mercury methanol 710
Capacitance double layer metal electrode 2031
Capacitance electrode adsorption charge transfer 1898
Capsidiol abs configuration 2303
Carbamic acid methyl aminomethylphosphinyl 27
Carbanion methyl phosphazene prepn reaction 2654
Carbinolamine cyclic dehydration NMR 629
Carbocation dimethylcycloalkyl hydrido bridged conformation 2173
Carbodiimide alkoxycarbonyl amino acid alkoxyoxazolone formation 384
Carbohydrate sultone 260
Carbon dioxide fission fragment radiolysis 532
Carbon disulfide methylaminoacetonitrile addn 2724
Carbon isotope selective IR photolysis 2703
Carbon isotope selectivity photolysis 1307
Carbon monoxide poplar aspen conversion 2191
Carbon NMR deoxybenzoin acetophenone 2266
Carbon NMR imino group 451
Carbon NMR norsteroid 1651
Carbon NMR phlegmarine alkaloid 2695
Carbon 13 shielding aldimine ketimine 705
Carbonate proton transfer sulfite heat 1068
Carbonate scattering cross section 2988
Carbonyl group triplet hydrogen abstraction 116
Carbonyl manganese gallate structure 2391
Carbonyl molybdenum structure 1665
Carbonyl tungsten pyrazolyl pyrazolylgallate 3123
Carboximide diphenyldi vibrational spectra 2463
Carboxylate oxidn electrochem 945
Carboxylate sodium mass spectra 2218
Carboxylic acid chromatog electrokinetic detector 1531
Carboxylic acid dissocn Gurney equation 2845
Carboxylic acid photooxidn hydrogen peroxide 14
Carboxylic acid transfer dodecane water 1096
Carboxymethylenechlorofuranone structure crystal correction 3161
Carboxymethylenetetrahydrofuranone decarboxylation 288
Cardadienolide 1403
Cardenolide correction 3135
Cardiotonic digitoxigenin pyrrolidone analog 3241
Cassipurine stereospecific total synthesis 1101
Catalyst polymn olefin 1425
Catalyst radical reaction 1824
Catalyst titanium chloride acetylthiophenedione photoreaction 1722
Cathodic polarization niobium cobalt alloy 1261
Cation alkali metal transport crown ether 1734
Cation exchange clay mineral thermodn 2927
Cation intermediate aromatization cyclohexadiene 2314
Cation methylbenzenonium photolysis mechanism 76
Cation mobility hydrocarbon gas 2988
Cation pseudolbase equil isoquinolinium phthalazinium 3195
Cavity formation liq structure thermodn 1
CD capsidiol 2303
CD magnetic zinc tetrabenzoporphinate 1388
Cedar oil terpene 285
Cellobiose conversion fuel 2191
Cellulose conversion fuel 2191
Cellulose nitroxide spin labeling 3105
Charge discreteness electrode reaction kinetics 1844
Charge exchange mass spectra pentene isomer 1753
Charge surface dihaloethane 1218
Charge transfer amine benzonitrile UV 1291
Charge transfer capacitance electrode adsorption 1898
Charge transfer complex iodine thermodn 1212
Charge transfer complex UV 982
Charge transfer methoxyethylene cyanoethylene MO 974
Charged sphere potential Poisson Boltzmann 1860
Chelate extn stearic acid 1497
Chelate nickel 3 oxidn cyclohexanone 697
Chelocardin condensation amine 763
Chem ionization mass spectra alkanol 2125
Chem ionization mass spectra ester 2133
Chem ionization mass spectra phenyloxetane 968
Chem potential dicarboxylic acid system 1375
Chem potential sodium sulfate org 1872
Chem shift stereochem phlegmarine 2695
Chicanine structure lignan Schisandra 1680
Chloride alkylammonium exchange extn 1705
Chloride aq soln heat capacity 3049
Chloride IIIA exchange complexing kinetics 3012
Chloride reaction hypochlorous acid rate 1177
Chloride sodium aq heat capacity 3208
Chloride sodium methylformamide adsorption mercury 2043
Chlorite disproportionation mechanism kinetics 177
Chloro gallium ethylenebissalicylideneiminato complex 94
Chloro oxo THF molybdate structure 2879
Chloroethane vol mixing alc 2210
Chloromercurate tryptophanium structure 138
Chloronium ion dimethyl reaction alkylbenzene 2412
Chlorophenol oxidn manganate 2780
Chlorophenol oxidn permanganate 2776
Chlorophyll a multilayer pollutant 2402
Chloropurine nucleoside 2601
Chlorostannate ethylammonium structure 2550
Chlorosulfonyl isocyanate cyanation pyrrole substituted 2673
Chlorotriazole valence force field 3341
Cholate sodium self assocn NMR 1602
Cholestanone alkylation 2382
Cholestanone vinyl thermal cyclization 1641
Chroman tetracyclic heteroarom 2223

Chromatog ester soln thermodn 2243
Chromatog esterification fatty acid 2617
Chromatog gas arom nitro degrdn 1439
Chromatog gas inorg bonded phase 1045
Chromatog liq reversed phase detector 1531
Chromatog retention benzenesulfonate ionic strength 2179
Chromia coated silica chromatog 1045
Chromium aqua ammine electroredn kinetic 1944
Chromium europium gallium garnet fluorescence 2441
Chromium II arom nitro compd 3346
Chronoamperometry reaction simulation orthogonal collocation 1538
Chronopotentiometry reaction simulation orthogonal collocation 1538
Chrysene 1675
Chrysene perdeuteration 3218
Chrysotile asbestos fiber thermal degrdn 1521
Chrysotile fiber aq sedimentation 1140
Chymotrypsin immobilized kinetics org solvent 2921
CI boron hydride 1318
CI wave function rational AO 1552
CIDEP butylphenol acetylfuran photoredn 116
CIDNP butylphenol acetylfuran photoredn 116
Cis trans isomerization palladium cytosine 3293
Claisen rearrangement ketene acetal 572
Clathration methanol oxirane THF hydrate 2587
Clay suspension ion exchange thermodn 2927
Cleavage glycopyranosiduronate oxidative decarboxylation 935
Cleavage retroaldol pentenone kinetics 45
Cleavage ring dichlorocyclopropane deriv 164
Coal liquefaction feed reactivity Tetralin 1487
Cobalt iron complex formation photoreaction 647
Cobalt methanesulfonate isomerism 669
Cobalt methylbipyridine NMR 1689
Cobalt niobium alloy anodic polarization 1580
Cobalt niobium alloy cathodic polarization 1261
Cobalt nitrate cyclooctaphosphazene complex 2435
Cobalt nitroxide complex ESR 156
Colchicine deacetyl acylation 283
Colchifoline 283
Coleon U Me ether 2820
Collocation orthogonal simulation electrochem process 1538
Colloid charged sphere electrostatic potential 1860
Colloid electrophoretic mobility electrokinetic potential 1878
Colloid interaction ion adsorption 1888
Complexation guanosine monophosphate conformation NMR 3297
Complexation nickel pyridineazodimethylaniline alkylsulfate micelle 1361
Complexation picrylethylenediamine methoxide 795
Complexation proton exchange dinitrobenzene 3177
Complexing exchange IIIA chloride kinetics 3012
Compn solid phase soly 3076
Compressibility isentropic electrolyte acetonitrile 2212
Computer program aq acidity function 2116
Concn polarization laser interferometry 1933
Cond elec cadmium silver iodide 2685
Cond lithium perchlorate propylene carbonate 1051
Condensation androstenone furan 1403
Condensation androstenone furan correction 3135
Condensation chelocardin amine 763
Condensation isoniazid product reducing sugar 641
Condensation thiocarbamate chloro ketone 1557
Condensed thiophene addn arene 227
Configuration heptose dehydration 379
Configuration methylacetylphlegmarine 2479
Configuration myriocin 269
Configuration nitrodimethylcyclohexadienol 584
Configuration oxathiaspiroundecane stereoelectronic effect 1122
Configuration prepn stereoelectronic effect 1105
Configuration prepn stereoelectronic effect correction 1744
Conformation alditol 333
Conformation alkyl hexenopyranoside 889
Conformation anhydroheptose 379
Conformation anomeric effect nitroxide 1745
Conformation dichlorohydroxythiophenol NMR 3204
Conformation diimide UV 506
Conformation dioxacycloheptene NMR 2283
Conformation effect alkane heat formation 3192
Conformation EPR daunorubicin semiquinone 3212
Conformation GDP fucose 2086
Conformation heterocyclic azomethine 1205
Conformation histidine MO calcn 3232
Conformation hydrido bridged dimethylcycloalkyl carbocation 2173
Conformation iodophenol NMR 3021
Conformation isopropylphenol NMR MO 1656
Conformation NMR benzodioxepin methyl deriv 1160
Conformation NMR hydroxyalkylcyclohexene 859
Conformation NMR isocordrastine 3055
Conformation NMR mercaptobenzoate methoxymethylbenzenethiol 566
Conformation oxathiaspiroundecane NMR carbon 1132
Conformation oxathiaspiroundecane stereoelectronic effect 1122
Conformation photolysis sulfoxide 199
Conformation platinum guanosine monophosphate reaction 3297
Conformation prepn stereoelectronic effect 1105
Conformation prepn stereoelectronic effect correction 1744
Conformation rapamycin NMR correction 49
Conformation saframycin NMR 2945
Conformation vibration alkane cycloalkane 1381
Conformation xylofuranosylcytosine 238
Conformational inversion methylcyclohexanone ultrasound 3084
Conformer phlegmarine carbon NMR 2695
Conjugated diene quenching phenanthrene triplet 663
Copper aminocarboxylate stability aq methanol 555
Copper cadmium lead detn seawater 1476
Copper chelate extn stearate 1497
Copper complex electroformation org halide 62
Copper concn polarization laser interferometry 1933
Copper halo triphenylphosphine complex electroprepn 2714
Copper pyrazolyl ethanolamino gallato 518
Corrosion cobalt niobium potassium hydroxide 1580
Costus oil allergen removal 1405
Coupling acetylthiophenedione methanol photolysis 1722
Coupling const deoxybenzoin acetophenone 2266
Crotonate polyhydroxybutyrate bacteria pyrolysis 2306
Crown ether alkali metal cation transport 1734
Crown ether extn polyurethane foam 1490
Crown ether extn potassium 1548
Crown ether monoamide membrane transport 1724
Crystal structure adeninatomethylmercury 1311
Crystal structure benzoyldiazatricyclododecandione 3136
Crystal structure benzoyldiazomethane 1463
Crystal structure carboxymethylenechlorofuranone correction 3161
Crystal structure diacetylaminochrysene 1622
Crystal structure ethylammonium chlorostannate 2550

Crystal structure homoquinone 1247
Crystal structure iodotellurium fluoroarsenate 2876
Crystal structure mercury dithiocarbamate 2746
Crystal structure metal methylpyrazolylthioethoxyethoxygallate 2391
Crystal structure methylcytosinatomercury complex 2290
Crystal structure methylene lactone 288
Crystal structure methylfluorocyclotriphosphazene 2364
Crystal structure molybdenum gallato 1665
Crystal structure nickel allyl pyrazolyl complex 996
Crystal structure nickel ethylenebisbenzoylacetoniminato 2766
Crystal structure nitrodimethylcyclohexadienol 584
Crystal structure nitrosoquinoxaline 1711
Crystal structure oxabicycloheptanedicarboxylic anhydride 2997
Crystal structure oxadithiaazoniacyclododecanylmethylbenzene chlorooxotetrahydrofuranmolybdate 2879
Crystal structure phenylsulfonylcyclobutanol 1415
Crystal structure platinum cyclopropylamine chloro 2737
Crystal structure polyhydroxybutyrate 38
Crystal structure ?aucubaine Rauwolfia 1007
Crystal structure sulfur nitrogen oxide 187
Crystal structure xylofuranosylcytosine 238
Crystal violet deutero Raman 964
Crystal violet visible spectra solvent 191
Crystallog inhomogeneity anion electroredn kinetics 2019
Crystn curve dicarboxylic acid system 1375
Cumylperoxy radical selfreaction mechanism kinetics 2253
Cupric bisacetylacetonate catalyst thermolysis benzoylphenyldiazomethane 2475
Cyanation pyrrole substituted chlorosulfonyl isocyanate 2673
Cyanide hydrogen methane flame 1810
Cyanide sodium hydrate IR disorder 1267
Cyanoethylene methoxyethylene charge transfer complex 982
Cyanoethylene methoxyethylene charge transfer MO 974
Cyanoformate dimethylfuran aluminum chloride 1395
Cyanthus sesquiterpene cybrodin structure 2150
Cyathin intermediate diterpenoid 2665
Cyathus sesquiterpene total synthesis 2159
Cybrodal structure Cyanthus 2150
Cybrodic acid structure Cyanthus 2150
Cybrodin sesquiterpene structure Cyanthus 2150
Cybrodin total synthesis 2159
Cybrodol structure Cyanthus 2150
Cyclic carbinolamine dehydration NMR 629
Cyclic ketone photochem isomerization 1717
Cyclic neutron activation analysis 1660
Cyclitol optical rotation mol structure 907
Cyclization acetylthiophenedione photolysis methanol 1722
Cyclization alkoxycarbonyl amino acid carbodiimide 384
Cyclization mechanism hydroxylamine thioacetoacetate ethyl 629
Cyclization methyl methyloxooctenoate 2239
Cyclization photo aralkyl thione 246
Cyclization thermal vinylcholestanone 1641
Cycloaddn halocarbene alkene stereochem 621
Cycloaddn naphthoquinone methide uracil thiazine 2223
Cycloaddn naphthyl ketene cycloalkadiene 1675
Cycloaddn photochem diacetylimidazolinone 2650
Cycloalkadiene cycloaddn naphthyl ketene 1675
Cycloalkane alkane vibrational energy 1381
Cycloalkanedicarboxylic acid cis 2848
Cycloalkanedione ketone aldol 3303
Cyclobutanol phenylsulfonyl x ray 1415
Cyclodimerization styrene Diels Alder 3090
Cycloheptatrienyl pyrazolylethanolaminogallato molybdenum structure 1665
Cyclohexadiene aromatization cation intermediate 2314
Cyclohexadienone acetoxy Diels Alder stereochem 2510
Cyclohexadienone Diels Alder isoprene 601
Cyclohexane cyclopentane bromination kinetics 1368
Cyclohexane cyclopentane deuterated tritiated acid 3309
Cyclohexane nuclear screening NMR 2870
Cyclohexanedicarboxylic acid cis 2848
Cyclohexanedione thiolanedione photochem isomerization 1717
Cyclohexanone hydroxy 2997
Cyclohexanone methyl inversion ultrasound 3084
Cyclohexanone oxidn nickel 3 chelate 697
Cyclohexaphosphazene palladium platinum complex 2429
Cyclohexene ene reaction acetylenedicarboxylate 288
Cyclohexene hydroxyalkyl conformation 859
Cyclohexylphosphine oxide cadmium hexafluoroantimonide prepn 3221
Cyclooctaphosphazene cobalt nitrate complex 2435
Cyclopentadiene pentamethyl 76
Cyclopentadienyl carbonyl manganese gallate structure 2391
Cyclopentane cyclohexane bromination kinetics 1368
Cyclopentane cyclohexane deuterated tritiated acid 3309
Cyclopentanedicarboxylic acid cis 2848
Cyclopentanedione acetyl photoreaction methanol 1722
Cyclopentanol phenylsulfonyl 1415
Cyclopentenyl ester solvolysis kinetics 3273
Cyclopentylamine exchange deuterium kinetics 2386
Cyclopropane fatty acid formation Lactobacillus 828
Cyclopropane methyl photolysis gas phase mechanism 537
Cyclopropane ring opening Lewis acid 2373
Cyclopropanecarboxaldehyde methylene addn organolithium 2199
Cyclopropylamine platinum chloro 2737
Cyclopropylidenepropyl tosylate hydrolysis rearrangement 1089
Cyclopropylmethyltrimethylsilane acylation 802
Cyclotriphosphazene methyl fluoro structure 2364
Cylinder wetting surface roughness 1954
Cysteine mercury structure 144
Cytidine palladium complex structure reassignment 3293
Cytosinatomercury complex 2290
Cytosine palladium cis trans isomerization 3293
Cytotoxic diterpene tripterygium 2677
Daunorubicin reductive activation 390
Daunorubicin semiquinone EPR conformation 3212
Deamination aminoketone mechanism 2096
Deaminative electrochem redn pyrazolopyrimidinea=mine 2826
Deazalumazine acidity basicity polarog 2755
Deazauridine bromo deuterio 3356
Decanoate nitrophenyl reaction decylimidazole kinetics 2358
Decarboxylation carboxymethylenetetrahydrofuranone 288
Decarboxylation oxidative cleavage glycopyranosiduronate 935

Decene oxidn permanganate mechanism 2146
Decompn pressure hafnium zirconium chloride 990
Decompn vinylphenyltriazene 1636
Decylimidazole reaction nitrophenyl decanoate kinetics 2358
Degrdn arom nitro gas chromatog 1439
Degrdn uronate polysaccharide 935
Dehydration heptose configuration 379
Dehydration kinetics hydroxylamine thioacetoacetate ethyl 629
Dehydroabietic acid biodegrdn Mortierella isabellina 2334
Dehydrodeoxynupharidine sulfenylation 2298
Dehydrogenase alc model 65
Dehydrogenase alc stereospecificity liver 1574
Density aq dioxane trioxane 2599
Density ethylamine aq butanone 127
Deoxybenzoin NMR carbon 2266
Deoxyerythropentofuranosyl formamide deoxythymidine 3313
Deoxyiododigitoxigenin oxidative solvolytic alkylation 1025
Deoxynupharidine thiohemiaminal 2298
Deoxythymidine deoxyerythropentofuranosyl formamide 3313
Deprotonation picrylethylenediamine methoxide 795
Detoxification paper effluent 3350
Deuterated acid cyclopentane cyclohexane 3309
Deuterated androstenedione enzymic aromatization 2809
Deuterio bromo deazauridine 3356
Deuterium exchange cyclopentylamine kinetics 2386
Deuterium isotope effect thermolysis 2556
Deuterium labeling heteroarom 1022
Deuterium labeling heteroarom correction 3038
Deuterium oxide glass excess electron 1235
Deutero crystal violet Raman 964
Deutero DMSO methyl inequivalence NMR 1671
Diamine hydrogen bond IR 786
Diazabicycloheptanone diacetyl oxidn rearrangement 2650
Diazatricyclododecandione benzoyl structure 3136
Diazene elimination thermochem 491
Diazomethane benzoyl phenyl structure 1463
Diazotization aminopurine nucleoside 2608
Dibiphenyleneethene electron transfer 2957
Dicarboxylic acid system crystn curve 1375
Dichloroacetate ion solvolysis kinetics 1208
Dichloroalkene ozonization mechanism 3188
Dichlorocyclopropane deriv ring cleavage 164
Dielec absorption amine matrix 232
Dielec absorption methanol clathrate hydrate 2587
Dielec const IR 1357
Dielec relaxation sodium perchlorate ether 1051
Diels Alder acetoxyfuran regiochem stereochem 2997
Diels Alder cyclodimerization styrene 3090
Diels Alder cyclohexadienone acetoxy stereochem 2510
Diels Alder cyclohexadienone isoprene 601
Diene conjugated quenching phenanthrene triplet 663
Diethoxydihydroisobenzofuran hydrolysis ortho ester 1169
Diffuse double layer spherical approxn 1906
Diffusion elec double layer interaction 1854
Diffusion viscous flow activation parameter 2170
Digitoxigenin alkyl ether 1025
Digitoxigenin analog cyclic Michael acceptor 3241
Dihaloethane elec property rotational isomerism 1218
Diimide aminonitrene rearrangement MO 3044
Diimide UV conformation rotation const 506
Diketone Kolbe electrochem synthesis 945
Diln heat biuret water 1257
Dimer dye soln 2449
Dimerization arom aldehyde anion radical 3256
Dimerization electrochem reductive quinizarinsulfonic acid 1201
Dimerization photochem benzoylcyclohexenone structure 3136
Dimethoxybisdimethylaminonaphthalene nitrophenylnitroalkene proton transfer kinetics 3034
Dimethoxyethane autoionization aq thermodn 3141
Dimethyl sulfide photolysis photooxidn 2750
Dimethylchloronium ion reaction alkylbenzene 2412
Dimethylcycloalkyl carbocation hydrido bridged conformation 2173
Dimethylcyclohexane NMR substituent effect 2870
Dimethylfuran cyanoformate aluminum chloride 1395
Dinitrobenzene Meisenheimer complex hydroxide UV 3168
Dinitrobenzene proton exchange complexation 3177
Dioxacycloheptene conformation NMR 2283
Dioxane aq heat capacity density 2599
Dioxaspiroundecane prepn stereoelectronic effect 1105
Dioxaspiroundecane prepn stereoelectronic effect correction 1744
Dioxetane tricyclic thermolysis kinetics 851
Diphenyldicarboximide vibrational spectra 2463
Diphenylpicrylhydrazyl styrene reaction 3095
Dipole dihaloethane rotational isomerism 1218
Dipole moment ethylamine aq butanone 127
Dipole moment pyridine borane complex 3026
Dipole moment solute salt effect 2518
Dipole moment tetraphenylethylene 609
Dipropanodioxetane thermal decompn 851
Disaccharide 482
Disaccharide benzyl glycosylation 255
Disorder sodium cyanide hydrate IR 1267
Disproportionation chlorite mechanism kinetics 1177
Dissocn carboxylic acid Gurney equation 2845
Dissocn energy methyleniminium deriv 2228
Dissocn ion mass spectrometry 1787
Dissocn methylene phosphorane sulfurane 3280
Dissocn ozone sulfur dioxide 2569
Dissocn thermodn aq bisulfite ion 1068
Distribution function diffuse double layer 1906
Distribution function ion density surface 1998
Disulfide alkyl mass spectra 543
Disulfonate carbohydrate deprotonation 260
Diterpene cytotoxic tripterygium 2677
Diterpenoid cyathin intermediate 2665
Diterpenoid formation dehydroabietic acid biodegrdn 2334
Dithiaspiroundecane prepn stereoelectronic effect 1122
Dithiocarbamate mercury 2746
Dithiohydantoin 2724
DMSO aq ionization weak acid 2350
DMSO deutero methyl inequivalence NMR 1671
DMSO ethylamine methylethylketone system 2953
DMSO oxidn kinetics tungstate 718
Dodecane water transfer carboxylic acid 1096
Double bond radical addn furaldehyde 116
Double layer capacitance electrode adsorption 1898
Double layer diffuse spherical approxn 1906
Double layer electrode adsorption 2072
Double layer electrode reaction kinetics 1844
Double layer electrode solvent theory 2031
Double layer hydration silver iodide 1969
Double layer mercury phthalic acid 1918
Double layer solute solvent interaction 1854
Double layer structure mercury methanol 710
Double quartet structure reactivity polemic 807
Drug binding albumin quadrupole relaxation 1701

Dye interaction soln UV 2449
Effect isotope muonium addn 3261
Effluent paper detoxification 3350
Effluent paper trichlorocyclohexenone 3372
Elec double layer activity detn 1925
Elec double layer electrode adsorption 2072
Elec double layer energy fluid 1903
Elec double layer force adsorption 1888
Elec potential nickel bipyridine phenanthroline 1610
Elec potential tetraphenylethylene LFER 3061
Electrification interface entropy solvent structure 1835
Electrocapillarity mercury phthalic acid 1918
Electrochem oxidn keto carboxylate 945
Electrochem process simulation orthogonal collocation 1538
Electrochem redn arom aldehyde 3256
Electrochem redn deaminative pyrazolopyrimidineamine 2826
Electrochem redn dibiphenyleneethene 2957
Electrochem redn nitrosoquinoxaline 1711
Electrochem redn pyrazolidinedione 759
Electrochem synthesis Kolbe diketone 945
Electrochem. redn nitro ethylene 527
Electrode capacitance adsorption charge transfer 1898
Electrode electrolyte interface adsorption model 2072
Electrode mercury adsorption methylformamide 2043
Electrode mercury halide adsorption entropy 2053
Electrode mercury phthalic acid adsorption 1918
Electrode reaction kinetics adsorbed org 2026
Electrode reaction kinetics charge discreteness 1844
Electrode reaction silver phosphate arsenate 3030
Electrode silver polycryst peroxydisulfate electroredn 2019
Electrode solvent double layer theory 2031
Electrode spherical reaction orthogonal collocation 1538
Electroformation copper complex org halide 62
Electrokinetic detector liq chromatog 1531
Electrokinetic potential colloid electrophoretic mobility 1878
Electrolyte acetonitrile isentropic compressibility 2212
Electrolyte aq thiourea interface entropy 1835
Electrolyte electrode interface adsorption model 2072
Electrolyte ion density uncharged surface 1998
Electrolyte salting effect polar mol 2518
Electrolyte supporting chromium complex electroredn 1944
Electron delocalization diphenyldicarboximide 2463
Electron excess ice IR visible 1235
Electron transfer dibiphenyleneethene 2957
Electron transition UV methylbutanethione 952
Electron trapping alc cluster radiolysis 2803
Electronegativity haloamide alkene addn 431
Electrophilic cyclization olefinic keto ester 2239
Electrophoretic mobility colloid electrokinetic potential 1878
Electroredn kinetic chromium aqua ammine 1944
Electroredn kinetics anion crystallog inhomogeneity 2019
Electroredn silver phosphate arsenate thermodn 3030
Electroredn uranyl ion calcium nitrate 1515
Electrostatic potential charged sphere colloid 1860
Electrostatic potential solute solvent interaction 1854
Elimination arylphenylethylammonium transition state 3016
Elimination carbohydrate superoxide borohydride 333
Elimination solvolysis ammonium benzylfluorene 911
Ellipsoidal particle slab intermol force 2004
Elsinochrome C D formation Pyrenochaeta 422
Enamine stabilization indole bromination methanolysis 635
Endo substituted bicycloheptane 3365
Ene intramol cyclization vinylestranone 1641
Ene reaction olefin acetylenedicarboxylate 288
Energy conformation histidine 3232
Energy dissocn methyleniminium deriv 2228
Energy internal ionic fluid 1903
Energy randomization unimol reaction weak collision 2575
Energy total mol 1074
Enol ether halocyclopropanation stereochem 621
Enolization ketone rate acidity profile 957
Enthalpy soln benzamide alc 817
Entropy adsorption halide mercury electrode 2053
Entropy autoionization THF dimethoxyethane 3141
Entropy excess multicomponent interface 1835
Entropy surfactant water 1865
Entropy transfer hydrogen iodide 3149
Enzyme kinetics graphical rule 737
Enzyme metal complex model 65
Enzymic aromatization deuterated androstenedione 2809
Epicapsidiol 2303
Epimerization bromination carbohydrate 339
Epithermal neutron activation analysis shielding 1470
Epoxy sulfone reaction lithium compd 1415
Epoxypyrrolizidine sulfuration stereochem 1101
EPR conformation daunorubicin semiquinone 3212
Equil Meisenheimer complex solvent effect 3168
Equil thiotungstate isopolyanion aq 563
Erysotrine oxide Erythrina structure 2771
Erythrartine oxide Erythrina structure 2771
Erythrina erysotrine oxide erythrartine oxide 2771
ESR acetylacetone nitroxide deriv 156
ESR alkoxyalkyl nitroxide conformation 1745
ESR ascorbate photooxidn pyruvate deriv 2708
ESR butylphenol acetylfuran photoredn 116
ESR nickel 3 bipyridine phenanthroline 1610
ESR nitroxide labeled polysaccharide 3105
ESR radical spin trap 756
Ester acetylenic addn hydroxyurea 175
Ester dimethylcyclopentenyl solvolysis kinetics 3273
Ester imidate NMR proton exchange 2527
Ester mass spectra chem ionization 2133
Ester olefinic keto electrophilic cyclization 2239
Ester oxo thiol annulation 1685
Ester soln thermodn chromatog 2243
Esterification fatty acid chromatog 2617
Estranone vinyl intramol ene cyclization 1641
Ethane dichloro alc vol mixing 2210
Ethane oxidn nitric oxide mechanism 2232
Ethane protonation dissociative 1771
Ethanol mercapto complexation methylmercury 1505
Ethanol methoxy water hydroxyl transfer 1153
Ethanolamino pyrazolyl gallato copper 518
Ether alkyl digitoxigenin 1025
Ether cation homologous heat formation 80
Ether crown extn potassium 1548
Ether enol halocyclopropanation stereochem 621
Ether methyl cyclohexadienyl configuration 584
Ether methyl guanosine aminoadenosine 3360
Ether methylphenyl nitrophenyl 2470
Ether sodium perchlorate dielec relaxation 1051
Ethiodide styrylphenylthiazole solvent effect acidity 731
Ethionine mercury structure 144
Ethoxyalkene halocyclopropanation 621
Ethyl hexadecanoate dicarboxylic acid system 1375
Ethyl sulfide reaction hydrogen atom 3226
Ethyl thioacetoacetate kinetics addn hydrazine 629
Ethylamine butanone aq system assocn 127
Ethylamine methylethylketone DMSO formamide system 2953

Ethylammonium chlorostannate structure 2550
Ethylammonium halide copper complex electroformation 62
Ethylene ethane proton affinity 1771
Ethylenebisbenzoylacetoniminato nickel structure 2766
Ethylenebissalicylideneiminato gallium chloro complex 94
Ethylenediamine picryl reaction methoxide 795
Ethylenediaminecobalt ion ferrocyanide photoreaction 647
Ethylmethylnitrocyclohexadienyl acetate reaction stereochem 2314
Ethyltoluene nitration 2314
Eucosterol glycoside Muscari 2261
Europium gallium garnet chromium fluorescence 2441
Excess electron ice IR visible 1235
Exchange butyl cation benzyl chloride 1592
Exchange complexing IIIA chloride kinetics 3012
Exchange cyclopentylamine deuterium kinetics 2386
Exchange deuterium pyridine neutral 1022
Exchange deuterium pyridine neutral correction 3038
Exchange hydrogen trimethylpyrimidone tetramethylpyrimidone kinetics 1270
Exchange proton complexation dinitrobenzene 3177
Exchange proton imidate ester NMR 2527
Exchange reaction methylmercuric cation base 1779
Excitation phenol solvent correction 1744
Excited state behavior tetraphenylethylene 3061
Exothermicity substitution alkylbenzene dimethylchloronium 2412
Extn alkali picrate polyurethane foam 1490
Extn alkylammonium salt anion exchange 1705
Extn potassium crown ether 1548
Extn stearic acid chelate 1497
Extrusibility scale additivity 491
Fatty acid cyclopropane formation Lactobacillus 828
Fatty acid esterification chromatog 2617
Feed reactivity Tetralin coal liquefaction 1487
Ferm norsteroid Rhizopus 1651
Ferric oxide soil fulvate interaction 181
Ferrocyanide ethylenediaminecobalt ion photoreaction 647
Ferrozine iron form spectrometry 181
Field desorption mass spectra carboxylate 2218
Film growth electrooxidn cobalt niobium 1580
Fission fragment radiolysis carbon dioxide 532
Flame hydrocarbon ion 1760
Flame ionization nitromethane 1819
Flame methane nitrogen fuel 1810
Fluorescence europium gallium garnet chromium 2441
Fluorescence phenol solvent effect correction 1744
Fluorescence tetraphenylethylene 3061
Fluorescence tryptophan decay pH 1037
Fluorescent impurity amphotericin B 3377
Fluorescent labeling carbohydrate 2934
Fluoride potassium capacitance mercury methanol 710
Fluorination mesyl glucopyranoside 396
Fluorine detn cyclic neutron activation 1660
Fluoro substituent effect hydroxycarbonium 2689
Fluoroacetate cadmium triphenylphosphine complex 3267
Fluoroamtimonate cadmium tricyclohexylphosphine oxide prepn 3221
Fluoroarsenate cadmium prepn 3221
Fluoroarsenate iodotellurium structure 2876
Fluoroborate lithium capacitance mercury methanol 710
Fluorocarbonyl compd basicity gas phase 2689
Fluoromethanesulfonate iron 669
Fluoromethylnaphthalene 2629
Fluoromethylnaphthalene NMR deriv 2642
Fluorosulfate methyl alkyl methylsulfonate 362
Fluorosulfate phenoxysulfonylmethanaminium reaction nucleophile 356
Fluorosulfato palladate redn bromine 2835
Fluorosulfuryl peroxide oxidn sulfur nitride 3157
Fluxionality copper pyrazolyl ethanolamino gallato 518
Foam polyurethane extn alkali picrate 1490
Force const diphenyldicarboximide 2463
Force elec double layer adsorption 1888
Force intermol ellipsoidal particle slab 2004
Formamide deoxyerythropentofuranosyl deoxythymidine 3313
Formamide ethylamine methylethylketone system 2953
Formamide potential silver arsenate phosphate 3030
Formation const methymercury mercaptan 1505
Formation heat charge transfer complex 982
Formation heat methylideniminium ion 2228
Formation heat org cation homologous series 80
Formic acid photooxidn hydrogen peroxide 14
Formylation Vilsmeier arylpyrrole 2962
Fragmentation alkyl ester 2133
Fragmentation aryldimethyltriazolinone solvent effect 100
Fragmentation phenyloxetane protonated ion 968
Free energy autoionization THF dimethoxyethane 3141
Free energy formation oxychlorine compd 1177
Free energy group contribution carboxylate 1375
Free energy soln ester chromatog 2243
Free energy transfer hydrogen iodide 3149
Free energy transfer hydroxyl ion 1153
Free hydroxyl radical 390
Free radical muonium substituted 3261
Friedelin intermediate 1010
Fructose conversion fuel 2191
Fucopyranosyl phosphate 2086
Fucose GDP 2086
Fuel cellulose conversion 2191
Fulvate soil ferric oxide interaction 181
Fumarate Michael addn maleate hydroxyurea 2891
Fumaronitrile dimethoxyethylene charge transfer complex 982
Fumaronitrile dimethoxyethylene charge transfer MO 974
Fungicide anhydromyriocin enantiomer 269
Furan acetoxy Diels Alder 2997
Furan condensation androstenone 1403
Furan condensation androstenone correction 3135
Furan dimethyl reaction cyanoformate 1395
Furandione acetyl photoreaction methanol 1722
Furanone chloro carboxymethylene crystal structure correction 3161
Furyloctenoic acid hydroxyoctenyl 2729
Galactose fluorodeoxy 396
Galactoside nitrophenyl 314
Gallate dimethylpyrazolyl ligand 1331
Gallate pyrazolyl manganese molybdenum pyrazole 3123
Gallate pyrazolyl thioethoxyphenoxy metal structure 2391
Gallato molybdenum structure 1665
Gallato pyrazolyl ethanolamino copper 518
Gallium ethylenebissalicylideneiminato chloro complex 94
Gallium europium garnet chromium fluorescence 2441
Garnet europium gallium chromium fluorescence 2441
Gas chromatog arom nitro degrdn 1439
Gas chromatog fatty acid esterification 2617
Gas chromatog inorg bonded phase 1045

Gas hydrocarbon cation mobility 2988
Gauche interaction alkane heat formation 3192
GDP fucose 2086
General acid base catalysis 957
General acid base catalysis correction 3318
Geometry thioformaldehyde MO 3200
Germyl rhenium complex 1455
Germylcyclohexanone trimethyl stereoselective hydride redn 1303
Germylphosphazene 2654
Glass propanol hydrocarbon radiolysis 2803
Glucopyranose redn borohydride elimination 333
Glucopyranoside benzyl glycosylation 255
Glucopyranoside mesyl fluorination 396
Glucopyranosyl isonitrile alc amine 373
Glucose conversion fuel 2191
Glucose fluorodeoxy 396
Glycerol conversion fuel 2191
Glycine complex stability aq methanol 555
Glycopyranoside aminodeoxy 1433
Glycopyranosiduronate cleavage oxidative decarboxylation 935
Glycoside bromination carbohydrate 339
Glycoside eucosterol Muscari methanolysis product 2261
Glycoside glycosyl 482
Glycoside nitrophenyl 314
Glycosidic anhydride heptose 379
Glycosyl amino acid 473
Glycosyl glycoside 482
Glycosylation benzyl glucopyranoside 255
Glycosylation trifluoromethanesulfonic anhydride mechanism 482
Glycylaminoadipylthiazepine sulfoxide prepn conformation 406
Gold chloro triphenylphosphine complex electroprepn 2714
Gold dimethylsulfidechloro pyrazole ligand displacement 1241
Grignard reagent reaction nitrosodialkylhydroxylamine 264
Group IB halo triphenylphosphine electroprepn 2714
Group IIIA chloride exchange complexing 3012
Group interaction phase diagram calcn 1375
Guanosine aminoadenosine methyl ether 3360
Guanosine monophosphate platinum reaction conformation 3297
Gurney equation carboxylic acid dissocn 2845
Hafnium detn cyclic neutron activation 1660
Hafnium zirconium sepn alkali chloride 990
Halide boron methylphosphine IR Raman 2898
Halide hydrogen transfer thermodn aq soln 3149
Halide org copper complex electroformation 62
Halide sodium adsorption mercury electrode 2053
Halo triphenylphosphine Group IB electroprepn 2714
Haloamide alkene photochem addn 431
Haloantimonate antimony NMR 2940
Halocarbene cycloaddn alkene stereochem 621
Halocyclopropanation enol ether stereochem 621
Halogenation purine nucleoside 2608
Halopurine nucleoside 2608
Halotellurate Moessbauer tellurium 913

Harderoporphyrin 779
Heat autoionization THF dimethoxyethane 3141
Heat capacity aq dioxane trioxane 2599
Heat capacity chloride soln aq 3049
Heat capacity liq microcalorimeter 3208
Heat capacity sulfite 1068
Heat capacity surfactant water 1865
Heat diln biuret water 1257
Heat formation alkane conformation effect 3192
Heat formation alkane cycloalkane 1381
Heat formation charge transfer complex 982
Heat formation extrusibility scale 491
Heat formation homologous series org cation 80
Heat formation methylideniminium ion 2228
Heat soln amine methyl sulfoxide 1501
Heat soln ester chromatog detn 2243
Heat substitution alkylbenzene dimethylchloronium 2412
Heptose dehydration configuration 379
Heteroarom deuterium labeling 1022
Heteroarom deuterium labeling correction 3038
Heterocyclic azomethine conformation NMR 1205
Hexanoic acid transfer dodecane water 1096
Hexenopyranoside alkyl allylic substitution 889
Hexopyranose amino acid ester 473
Hexopyranose anhydro mol structure 907
Hexopyranoside oximinodeoxy triacetate substitution 1433
Himachalene alpha beta 601
Histidine conformation MO calcn 3232
Homocysteine complexation methylmercury 1505
Homocysteine thiolactonium bromomercurate structure 138
Homoenolization tricyclic ketone 3379
Homologous series org cation heat formation 80
Homonuclear two dimensional NMR 723
Homoquinone prepn crystal mol structure 1247
Homotropone dimethyl rearrangement acid 3252
Hydrate oxirane THF clathration methanol 2587
Hydrate sodium cyanide IR disorder 1267
Hydration alkylamine adsorption water surface 1978
Hydration amine thermodn 151
Hydration hydroxide anion 1615
Hydration pentenone kinetics 45
Hydration silver iodide double layer 1969
Hydrazine kinetics addn ethyl thioacetoacetate 629
Hydride boron transition structure 1318
Hydride redn anhydride regioselectivity MO 2457
Hydride shift acyclic ketol 688
Hydride shift oxenium stereoelectronic control 2787
Hydride stereoselective redn cyclohexanone 1303
Hydrido bridged dimethylcycloalkyl carbocation conformation 2173
Hydrobromic acid excess aq acidity 2116
Hydrobromide alkylamine water thermodn 1865
Hydrocarbon gas cation mobility 2988
Hydrocarbon ion flame 1760
Hydrocarbon propanol glass radiolysis 2803
Hydrocarbon vol mixing THF 2839
Hydrochloric acid excess aq acidity 2116
Hydrochloride xylofuranosylcytosine structure 238
Hydrogen abstraction butylphenol acetylfuran 116
Hydrogen abstraction haloamide alkene 431
Hydrogen atom photolysis phenol correction 1744
Hydrogen atom reaction ethyl sulfide 3226
Hydrogen attack thionine pulse radiolysis 2719
Hydrogen bond acidity styrylphenylthiazole ethiodide 731
Hydrogen bond alc vol mixing 2210
Hydrogen bond hydroxyacetophenone NMR 2266
Hydrogen bond hydroxyazobenzene photoelectron spectra 821
Hydrogen bond IR stereochem solvent 786
Hydrogen bond mercaptobenzoate methoxymethylbenzenethiol 566
Hydrogen bond oxime NMR 451
Hydrogen bond solvent effect amine 151
Hydrogen bonding ethylammonium chlorostannate 2550
Hydrogen cyanide methane flame 1810
Hydrogen electrochem evolution niobium cobalt 1261

Hydrogen exchange trimethylpyrimidone tetramethyl= pyrimidone kinetics 1270
Hydrogen halide transfer thermodn aq soln 3149
Hydrogen ortho para vibrational relaxation 1277
Hydrogen peroxide aliph acid photooxidn 14
Hydrogen peroxide oxidn catalyst 718
Hydrogen soly cyclopentylamine isotope effect 2386
Hydrogenated pentamethylindene stereochem correc= tion 590
Hydrogenolysis aspenwood lignin deriv 1028
Hydrohalide alkyl amine anion exchange 1705
Hydrolysis alkylammonium salt anion exchange 1705
Hydrolysis benzamide benzimidatium kinetics 2853
Hydrolysis cyclopropylidenepropyl tosylate rearrange= ment 1089
Hydrolysis nitrophenyl decanoate kinetics 2358
Hydrolysis ortho ester diethoxydihydroisobenzofuran 1169
Hydrophobicity adsorption alkylammonium water mercury 1987
Hydrophobicity adsorption alkylammonium water surface 1978
Hydroquinone photovoltaic effect palladium tetraphe= nylporphyrin 652
Hydroquinone quinone pH indicator oxydipropionitirle 2491
Hydroxide anion gas phase protonation 1615
Hydroxide Meisenheimer complex dinitrobenzene 3177
Hydroxide Meisenheimer complex dinitrobenzene UV 3168
Hydroxide potassium polarization cobalt niobium 1580
Hydroxide potassium polarization niobium cobalt 1261
Hydroxyacetophenone hydrogen bond NMR 2266
Hydroxyalkylcyclohexene conformation NMR 859
Hydroxyazobenzene hydrogen bond photoelectron spectra 821
Hydroxybutyrate hydroxyvalerate copolymer pyrolysis 2306
Hydroxybutyrate polymer crystal structure 38
Hydroxycarbonium fluoro trifluoromethyl stability 2689
Hydroxyl ion free energy transfer 1153
Hydroxyl radical free 390
Hydroxylamine cyclization mechanism thioacetoacetate ethyl 629
Hydroxylation microbial norsteroid Rhizopus 1651
Hydroxymethylazetidinone cyclization 941
Hydroxyoctenylfuryloctenoic acid 2729
Hydroxyproline ester arabinose 473
Hydroxyspirostane sapogenin NMR 1328
Hydroxyurea addn acetylenic ester 175
Hydroxyurea Michael addn maleate fumarate 2891
Hydroxyvalerate hydroxybutyrate copolymer pyrolysis 2306
Hypochlorous acid reaction chloride rate 1177
Ice excess electron IR visible 1235
Imidate ester NMR proton exchange 2527
Imidazole alkylthio UV 2883
Imidazole decyl hydrolysis catalyst 2358
Imidazolemethanol bismercaptomethyl complexation zinc 65
Imidazolinethione deriv UV 2883
Imidazolinone diacetyl photochem cycloaddn 2650
Imine deriv configuration NMR 3007
Imine protonation carbon NMR 451
Imino group carbon NMR 451
Iminodiacetate complex stability aq methanol 555
Iminooxathiole acyl 1557
Iminothiazolidinethione 2724
Immobilized chymotrypsin kinetics org solvent 2921
Incense cedar oil terpene 285
Indenoisocoumarin 2833
Indenone hydrogenated methylation correction 590
Indicator calmagite purifn 2539
Indicator pH quinone hydroquinone oxydipropionitirle 2491
Indigo mechanism thermal isomerization 609
Indole bromination methanolysis substituent effect 635
Inductive effect mercury diarylthiocarbazone spectra 679
Inductive resonance steric effect protonation 1568
Industrial wastewater adsorption surfactant removal 19
Inequivalence methyl DMSO deutero NMR 1671
Inorg bonded phase gas chromatog 1045
Insertion amine benzoylphenylcarbene 2475
Interaction solute solvent double layer 1854
Interface electrode electrolyte adsorption model 2072
Interface entropy aq thiourea 1835
Interface water air adsorption alkylammonium 1978
Interface water mercury adsorption alkylammonium 1987
Interferometry laser concn polarization 1933
Intermediate cation aromatization cyclohexadiene 2314
Intermol force ellipsoidal particle slab 2004
Internal energy ionic fluid 1903
Internal pressure liq viscosity diffusion 2170
Iodide alkylammonium exchange extn 1705
Iodide cadmium silver elec cond 2685
Iodide hydrogen thermodn transfer aq 3149
Iodide methylsulfoxonium rotation barrier 1671
Iodide organotin Moessbauer 1585
Iodide silver hydration double layer 1969
Iodide tellurium Moessbauer spectra 918
Iodination azetidinone 1018
Iodine charge transfer complex thermodn 1212
Iodoethane pentafluoro laser photolysis 1307
Iodomethylpenam isomerization iodocepham 1018
Iodophenol conformation NMR 3021
Iodotellurium fluoroarsenate structure 2876
Ion adsorption colloid interaction 1888
Ion dimethylchloronium reaction alkylbenzene 2412
Ion dissocn mass spectrometry 1787
Ion exchange clay suspension thermodn 2927
Ion hydrocarbon flame 1760
Ion hydroxyl free energy transfer 1153
Ion pair electroredn arom aldehyde 3256
Ion pair extn polyurethane foam 1490
Ionic fluid internal energy 1903
Ionic soln uncharged surface 1998
Ionic strength benzenesulfonate chromatog retention 2179
Ionic strength extn potassium 1548
Ionization acid base oxydipropionitrile 2491
Ionization aminocarboxylic acid aq methanol 555
Ionization const ascorbate 132
Ionization const calmagite indicator 2539
Ionization const phosphoric acid 1630
Ionization dimethylcyclopentenyl nitrobenzoate steric hindrance 3273
Ionization energy transition metal chelate 1797
Ionization flame nitromethane 1819
Ionization liq thermodn water structure 3141
Ionization lumazine deazalumazine isoalloxazine 2755
Ionization tautomerism pyrazolidinedione 759
Ionization weak acid aq DMSO 2350
IR amide adsorption calcium phosphate 222
IR ascorbyl palmitate thermotropism 2543
IR brexyl system 302

IR disorder sodium cyanide hydrate 1267
IR excess electron ice 1235
IR hydrogen bond stereochem solvent 786
IR multiphoton photolysis methanedifluorodichlorooxygen 2703
IR NMR boron arsine adduct 2417
IR octane solvent effect 1357
IR Raman methylphosphine boron halide 2898
IR Raman methylthiosilane 2909
IR spectrum sulfur nitrogen oxide 187
IR visible boron hydride 1318
Iron complex oxidn ascorbate 132
Iron form spectrometry ferrozine 181
Iron oxide coated silica chromatog 1045
Iron sulfonate prepn structure 669
Isentropic compressibility electrolyte acetonitrile 2212
Isoalantolactone removal soln polymer 1405
Isoalloxazine acidity basicity polarog 2755
Isoaposantenic acid cis 2848
Isobutyl methyl ketone butanol 3305
Isocephem benzo phenylacetamideo hydroxy 2981
Isocolchifoline 283
Isocordrastine NMR conformation 3055
Isocybrodol structure Cyanthus 2150
Isokinetic solvolysis dichloroacetate ion 1208
Isomer pentene charge exchange mass spectra 1753
Isomerism cobalt zinc methanesulfonate 669
Isomerism rotational dihaloethane elec property 1218
Isomerization cis trans palladium cytosine 3293
Isomerization dimethylpentenal deriv kinetics 3120
Isomerization iodomethylpenam iodocepham 1018
Isomerization oxazinone photolysis 2328
Isomerization photochem cyclohexanedione thiolanedione 1717
Isomerization photochem dimethoxyethylene 982
Isomerization photochem tetraphenylethylene 3061
Isomerization thermal kinetics LFER 609
Isomerization vinyl cation mechanism 2342
Isoniazid condensation product reducing sugar 641
Isonitrile glucopyranosyl alc amine 373
Isopimaric acid biotransformation 3350
Isopolyanion thiotungstate aq equil 563
Isoprene Diels Alder cyclohexadienone 601
Isopropylphenol conformation NMR MO 1656
Isoquinolinium cation pseudolbase equil 3195
Isoquinolinium reaction halophthalide 3055
Isotope effect arylphenylethylammonium elimination 3016
Isotope effect cyclohexanone oxidn 697
Isotope effect deuterium thermolysis 2556
Isotope effect hydrogen bond IR 786
Isotope effect hydrogen soly cyclopentylamine 2386
Isotope effect muonium addn 3261
Isotope effect proton transfer nitrophenylnitroalkane 3034
Isotope effect thermal polymn 3090
Isotope scrambling acetolysis trianisylvinyl bromide 2342
Isotope selective carbon IR photolysis 2703
Isovaleric acid transfer dodecane water 1096
Isoxapenam 941
Isoxazole triphenyl 527
Isoxazoline dihydroxy 527
Kaolinite suspension ion exchange thermodn 2927
Ketal amido 431
Ketene acetal Claisen rearrangement 572
Ketene naphthyl cycloaddn cycloalkadiene 1675
Ketimine NMR lithiation 3007
Ketimine NMR shielding 705
Keto carboxylate oxidn electrochem 945
Keto olefinic ester electrophilic cyclization 2239
Ketone alkylidenealkylcyclopropyl asym redn 2199
Ketone cation homologous heat formation 80
Ketone chloro condensation thiocarbamate 1557
Ketone cyclic aldehyde aldol 3303
Ketone cyclic photochem isomerization 1717
Ketone enolization rate acidity profile 957
Ketone enolization rate acidity profile correction 3318
Ketone methyl isobutyl butanol 3305
Ketone redn MO stereochem 459
Ketone tricyclic homoenolization 3379
Ketone triplet SDS micelle 2368
Ketone unsatd 802
Ketone vinyl Michael addn 1685
Kinetic electroredn chromium aqua ammine 1944
Kinetics addn hydrazine ethyl thioacetoacetate 629
Kinetics disproportionation chlorite 1177
Kinetics electrode reaction adsorbed org 2026
Kinetics electrode reaction charge discreteness 1844
Kinetics electroredn anion crystallog inhomogeneity 2019
Kinetics exchange complexing IIIA chloride 3012
Kinetics oxidn DMSO tungstate 718
Kinetics oxy radical reaction acetylacetonatovanadyl 2184
Kinetics polarog redn quinizarinsulfonic acid 1201
Kinetics spherical electrode reaction simulation 1538
Kinetics substitution reaction LFER 362
Kinetics thermal isomerization LFER 609
Kinetics thermolysis aryldimethyltriazolinone 100
Kolbe electrochem synthesis diketone 945
Kraft pulping wastewater dehydroabietic acid 2334
Labeling deuterium heteroarom 1022
Labeling deuterium heteroarom correction 3038
Labeling fluorescent carbohydrate 2934
Labeling polysaccharide nitroxide spin 3105
Lactam hydrolysis kinetics 2853
Lactam protonation amide 1568
Lactobacillus cyclopropane fatty acid formation 828
Lactone 2373
Lactone binding aminoalkyl resin 1405
Lactone methylene 288
Lactone rearrangement stereochem 597
Lactonization tetrahedral intermediate 1169
Laser interferometry concn polarization 1933
Laser photolysis iodoethane pentafluoro 1307
Lead cadmium copper detn seawater 1476
Lead detn cyclic neutron activation 1660
Lead phosphine deriv NMR 50
Lead tetraacetate oxidn indenoindenedione 2833
Leaving group betylate nucleofuge 356
Leaving group effect arylphenylethylammonium elimination 3016
Lewis acid cyclopropane ring opening 2373
LFER amine basicity methyl sulfoxide 1501
LFER aryldimethyltriazolinone fragmentation 100
LFER arylphenylethylammonium elimination 3016
LFER basicity thiolate 1505
LFER elec potential tetraphenylethylene 3061
LFER isoquinolinium cation pseudobase equil 3195
LFER polarog photoelectron spectra hydroxyazobenzene 821
LFER solvolysis dichloroacetate ion 1208
LFER substitution reaction kinetics 362
LFER thermal decompn nitrosodiphenylmethylimine 559
LFER thermal isomerization kinetics 609
Ligand displacement pyrazole dimethylsulfidechlorogold 1241
Lignan Schisandra chicanine structure 1680
Lignin conversion fuel 2191
Lignosulfonate sulfonate petroleum recovery 1938
Liq chromatog fatty acid esterification 2617
Liq structure cavity formation 1

Liquefaction coal feed reactivity Tetralin 1487
Lithiation aldimine ketimine NMR 3007
Lithium compd reaction epoxy sulfone 1415
Lithium fluoroborate capacitance mercury methanol 710
Lithium org addn methylenecyclopropanecarboxaldehyde 2199
Lithium perchlorate methoxyethane dielec relaxation 1051
Lithium tetrahexadecylaluminate catalyst polymn 1425
Liver alc dehydrogenase stereospecificity 1574
Long range order aq chloride 3049
Lumazine acidity basicity polarog 2755
Lycoctonam aminodeoxymethyleneanhydro deamination 3039
Lycoxanthin synthesis attempted 2820
Magnesium chloride aq 3049
Magnesium iodomethyl reaction epoxy sulfone 1415
Magnesium salt analysis potassium extn 1548
Magnetic CD zinc tetrabenzoporphinate 1388
Magnetic moment iron sulfonate 669
Magnetic relaxation ascorbate oxidn 2708
Magnetism fluorosulfatopalladate 2835
Maleate Michael addn hydroxyurea 2891
Maleic anhydride photolysis 1342
Maleonitrile dimethoxyethylene charge transfer complex 982
Maleonitrile dimethoxyethylene charge transfer MO 974
Maltoside nitrophenyl 314
Manganate oxidn chlorophenol phenol 2780
Manganese carbonyl gallate structure 2391
Manganese dioxide oxidn catalyst ethane 2232
Manganese gallate complex 1331
Manganese pyrazole pyrazolylgallate 3123
Mannopyranosyluronate diphosphate uridine 2247
Mass spectra acetate tautomer 1805
Mass spectra alkyl disulfide 543
Mass spectra alkylbenzene dimethylchloronium 2412
Mass spectra charge exchange pentene isomer 1753
Mass spectra chem ionization alkanol 2125
Mass spectra chem ionization ester 2133
Mass spectra chem ionization phenyloxetane 968
Mass spectra mercury dithiocarbamate 2746
Mass spectra sodium carboxylate 2218
Mass spectrometry free radical catalysis 1824
Mass spectrometry ion dissocn 1787
Mass trithiaheptane 326
Master equation unimol reaction 772
Matrine formation Sophora 106
Matrix effect chrysotile fiber degrdn 1521
Mechanism cyclization hydroxylamine thioacetoacetate ethyl 629
Mechanism deamination aminoketone 2096
Mechanism glycosylation trifluoromethanesulfonic anhydride 482
Mechanism nucleophilic substitution betylate 362
Mechanism opening ring dichlorocyclopropane deriv 164
Mechanism oxidn DMSO tungstate 718
Mechanism photolysis methylbenzenonium cation 76
Mechanism photoredn furaldehyde phenol 116
Mechanism reaction kinetics rule 737
Mechanism thermal isomerization bianthrylidene 609
Mechanism thermolysis aryldimethyltriazolinone 100
Medium effect aq methylformamide 2043
Meisenheimer complex dinitrobenzene hydroxide 3177
Meisenheimer complex dinitrobenzene hydroxide UV 3168
Meisenheimer complex nitrobenzene trimethylphenoxide 2470
Melting point alkylmethylnitrocyclohexadienyl acetate 584
Membrane transport crown ether monoamide 1724
Mercaptan methyl photolysis photooxidn 2750
Mercaptan methymercury formation const 1505
Mercaptobenzoate conformation NMR 566
Mercurate halo amino acid structure 138
Mercury cysteine ethionine structure 144
Mercury diarylthiocarbazone complex spectra 679
Mercury dithiocarbamate 2746
Mercury double layer structure 710
Mercury electrode adsorption methylformamide 2043
Mercury electrode halide adsorption entropy 2053
Mercury electrode phthalic acid adsorption 1918
Mercury methyl adenine complex 1311
Mercury methylcytosinato complex 2290
Mercury oxide electrochem cell thermodn 1153
Mercury water interface adsorption alkylammonium 1987
Merostabilization isomerization tetraphenylethylene 609
Mesyl glucopyranoside fluorination 396
Metal complex electroredn redox kinetics 1944
Metal complex pyridine sulfide 65
Metal oxide coated silica chromatog 1045
Metal pyrazolyl thioethoxyphenoxy gallate structure 2391
Metallurgical analysis cyclic neutron activation 1660
Methane acetylene flame ion 1760
Methane flame nitrogen fuel 1810
Methanedifluorodichlorooxygen IR multiphoton photolysis 2703
Methanesulfonate transition metal 669
Methanol clathration oxirane THF hydrate 2587
Methanol coupling acetylthiophenedione photolysis 1722
Methanol double layer structure mercury 710
Methanol oxidn nickel oxide propane 865
Methanolysis bromination indole substituent effect 635
Methanolysis product eucosterol glycoside Muscari 2261
Methaoestranone 1641
Methoxide deprotonation complexation picrylethylenediamine 795
Methoxyethane lithium perchlorate dielec relaxation 1051
Methoxyethanol water hydroxyl transfer 1153
Methoxyethylene cyanoethylene charge transfer complex 982
Methoxyethylene cyanoethylene charge transfer MO 974
Methoxyindolenine 635
Methoxymethylbenzenethiol conformation NMR 566
Methyl cyclohexadienyl ether configuration 584
Methyl deriv benzodioxepin conformation NMR 1160
Methyl effect lumazine deazalumazine isoalloxazine 2755
Methyl ether guanosine aminoadenosine 3360
Methyl fluorosulfate alkyl methylsulfonate 362
Methyl gallium ethylenebissalicylideneiminato complex 94
Methyl inequivalence deutero DMSO NMR 1671
Methyl isobutyl ketone butanol 3305
Methyl mercaptan photolysis photooxidn 2750
Methyl methyloxooctenoate cyclization 2239
Methyl picolinate palladium structure reassignment 3293
Methyl sulfide IIIA chloride complexing 3012
Methyl sulfoxide basicity aniline pyridine 1501
Methylacetamide adsorption apatitic calcium phosphate 222

Methylacetamide radiolysis scavenger mechanism 1032
Methylacetylphlegmarine configuration 2479
Methylaminoacetonitrile carbon disulfide addn 2724
Methylarsine boron halide Raman 2417
Methylation amine phenoxysulfonylmethanaminium fluorosulfate reaction nucleophile 356
Methylation cyclohexadienol deriv stereochem 2314
Methylation guanosine monophosphate conformation NMR 3297
Methylation hydrogenated indenone correction 590
Methylbenzene iodine charge transfer complex 1212
Methylbenzenonium cation photolysis mechanism 76
Methylbinaphthyl structure 1149
Methylbipyridine cobalt nickel NMR 1689
Methylbutanethione UV electron transition 952
Methylcyclopropane photolysis gas phase mechanism 537
Methylene lactone 288
Methylene phosphorane sulfurane MO 3280
Methylenepyrazoline thermolysis kinetics 2556
Methyleniminium deriv dissocn energy 2228
Methylethylketone ethylamine DMSO formamide system 2953
Methylfluorocyclotriphosphazene structure 2364
Methylformamide adsorption mercury electrode 2043
Methylgermylcyclohexanone stereoselective hydride redn 1303
Methylideniminium ion heat formation 2228
Methylisoxazolone tautomerization kinetics 629
Methylmercuric cation exchange reaction base 1779
Methylmethanocholestanone 1641
Methylnicotinamide platinum blue interaction nucleoside 1083
Methylphenyl nitrophenyl ether 2470
Methylphosphine boron halide IR Raman 2898
Methylpyrazolone tautomerization kinetics 629
Methylpyrazolylgallate ligand 1331
Methylpyrimidone hydrogen exchange kinetics 1270
Methylpyrrolecarbonitrile 2673
Methylpyrroline oxide spin trap 756
Methylsilylcyclohexanone stereoselective hydride redn 1303
Methylsulfonate alkyl methyl fluorosulfate 362
Methylsulfoxonium iodide rotation barrier 1671
Methylthiosilane IR Raman 2909
Methyltolyltriazene thermal decompn kinetics 923
Methymercury mercaptan formation const 1505
Micelle alkylsulfate nickel complexation pyridineazodimethylaniline 1361
Micelle photolysis phenanthrene triplet quenching 663
Micelle SDS ketone triplet 2368
Micelle surfactant water 1865
Michael acceptor cyclic digitoxigenin analog 3241
Michael addn maleate fumarate hydroxyurea 2891
Michael addn. thiol ester 1685
Microbial hydroxylation norsteroid Rhizopus 1651
Mitomycin reductive activation 390
Mixing heat biuret urea 1257
Mixing vol alc ethane dichloro 2210
Mixing vol THF hydrocarbon 2839
Mixt org surface tension calcn 2968
MO calcn conformation histidine 3232
MO charge transfer methoxyethylene cyanoethylene 974
MO cyclic anhydride nucleophilic addn 2457
MO geometry thioformaldehyde 3200
MO hydroxy azobenzene hydrogen bond 821
MO isopropylphenol conformation NMR 1656
MO methylbutanethione UV 952
MO methylene phosphorane sulfurane 3280
MO NMR coupling pyridine complex 3026
MO rearrangement aminonitrene diimide 3044
MO stereochem redn ketone 459
MO sulfur compd 814
Mobility cation hydrocarbon gas 2988
Moessbauer organotin iodide 1585
Moessbauer spectra tellurium iodide 918
Moessbauer tellurium halotellurate 913
Mol assocn zinc tetrabenzoporphinate 1388
Mol structure adeninatomethylmercury 1311
Mol structure benzoyldiazatricyclododecandione 3136
Mol structure benzoyldiazomethane 1463
Mol structure cysteine ethionine mercury 144
Mol structure diacetylaminochrysene 1622
Mol structure ester soln thermodn 2243
Mol structure ethylammonium chlorostannate 2550
Mol structure homoquinone 1247
Mol structure iodotellurium fluoroarsenate 2876
Mol structure isoniazid condensation product 641
Mol structure metal methylpyrazolylthioethoxyethoxygallate 2391
Mol structure methylbinaphthyl 1149
Mol structure methylcytosinatomercury complex 2290
Mol structure methylene phosphorane sulfurane 3280
Mol structure methylfluorocyclotriphosphazene 2364
Mol structure nickel allyl pyrazolyl complex 996
Mol structure nickel ethylenebisbenzoylacetoniminato 2766
Mol structure nitrosoquinoxaline 1711
Mol structure optical rotation carbohydrate 907
Mol structure oxadithiaazoniacyclododecanylmethylbenzene chlorooxotetrahydrofuranmolybdate 2879
Mol structure phenylsulfonylcyclobutanol 1415
Mol structure phenylthiotricycloheptane 658
Mol structure pyrazolylethanolaminogallato cycloheptatrienyl molybdenum 1665
Mol structure ravidomycin 3018
Mol structure stemodin intermediate 524
Mol structure sulfur nitrogen oxide 187
Mol structure tellurium iodide Moessbauer 918
Mol structure tryptophanium chloromercurate 138
Mol structure xylofuranosylcytosine hydrochloride 238
Mol total energy 1074
Mol vol sulfite 1068
Molar absorptivity calmagite indicator 2539
Molar vol chloride aq soln 3049
Molybdate chloro oxo THF structure 2879
Molybdenum gallate complex 1331
Molybdenum pyrazole pyrazolylgallate 3123
Molybdenum pyrazolylethanolaminogallato cycloheptatrienyl structure 1665
Monosaccharide fluorescent labeling 2934
Monosaccharide glycosidation trifluoromethanesulfonic anhydride 482
Montmorillonite suspension ion exchange thermodn 2927
Mortierella isabellina biodegrdn dehydroabietic acid 2334
Muconic acid deriv correction 3161
Multiphoton IR photolysis methanedifluorodichlorooxygen 2703
Muonium acrylate addn kinetics 3261
Muscari eucosterol glycoside methanolysis product 2261
Myriocin configuration 269
Naphthalene fluoromethyl 2629
Naphthalene fluoromethyl NMR 2642
Naphthalene iodine charge transfer complex 1212
Naphthalene perdeuteration 3218
Naphthoquinone methide cycloaddn uracil thiazine 2223

Naphthothiophene 227
Naphthothiophene addn arom hydrocarbon 1297
Naphthothiopyran sulfoxide conformation photolysis 199
Naphthyl ketene cycloaddn cycloalkadiene 1675
Naphthylcyclobutanone prepn rearrangement 1675
Neoplasm inhibitor azabicycloheptane dication 217
Neutralization amine methyl sulfoxide 1501
Neutron activation analysis cyclic 1660
Neutron epithermal activation analysis shielding 1470
Nickel allyl pyrazolyl complex 996
Nickel aminocarboxylate stability aq methanol 555
Nickel chelate extn stearate 1497
Nickel chloride aq 3049
Nickel complexation pyridineazodimethylaniline alkyl= sulfate micelle 1361
Nickel ethylenekbisbenzoylacetoniminato structure 2766
Nickel methylbipyridine NMR 1689
Nickel nitrosyl gallate structure 2391
Nickel oxide oxidn propane methanol 865
Nickel 3 bipyridine phenanthroline oxidant 1610
Nickel 3 chelate oxidn cyclohexanone 697
Niobium cobalt alloy anodic polarization 1580
Niobium cobalt alloy cathodic polarization 1261
Nitrate cadmium triphenylphosphine complex 3267
Nitrate calcium uranyl ion electroredn 1515
Nitrate cobalt cyclooctaphosphazene complex 2435
Nitration ethyltoluene 2314
Nitrene amino rearrangement diimide 3044
Nitric oxide methane flame 1810
Nitric oxide oxidn ethane mechanism 2232
Nitride sulfur oxidn 3157
Nitrile methylamino carbon disulfide addn 2724
Nitro arom compd chromium II 3346
Nitro arom degrdn gas chromatog 1439
Nitro ethylene electrochem. redn 527
Nitro group substitution reaction nitrobenzene trime= thylphenoxide 2470
Nitrobenzene trimethylphenoxide Meisenheimer com= plex 2470
Nitrobenzene water alkylammonium salt hydrolysis 1705
Nitrodimethylcyclohexadienol crystal structure 584
Nitrogen fuel methane flame 1810
Nitrogen NMR pyridine protonation 451
Nitrogen sulfur oxide structure 187
Nitromethane flame ionization 1819
Nitrophenyl decanoate reaction decylimidazole kinetics 2358
Nitrophenyl galactoside maltoside 314
Nitrophenyl methylphenyl ether 2470
Nitrophenylnitroalkene dimethoxybisdimethylaminona= phthalene proton transfer kinetics 3034
Nitrosodialkylhydroxylamine reaction organometallic reagent 264
Nitrosodiphenylmethylimine thermal decompn kinetics 559
Nitrosoquinoxaline structure electrochem redn 1711
Nitrostyryl ketone redn chem electrochem 1224
Nitrosyl nickel gallate structure 2391
Nitroxide conformation anomeric effect 1745
Nitroxide deriv acetylacetone ESR 156
Nitroxide spin labeling polysaccharide 3105
NMR aldimine ketimine lithiation 3007
NMR alkyl hexenopyranoside 889
NMR amine reaction sulfur dioxide 8
NMR antimony haloantimonate 2940
NMR benzodioxepin conformation 1160
NMR boron arsine adduct 2417
NMR brexyl system 302
NMR capsidiol 2303
NMR carbon cyclohexadienyl acetate deriv 2314
NMR carbon deoxybenzoin acetophenone 2266
NMR carbon dioxaspiroundecane 1105
NMR carbon dioxaspiroundecane correction 1744
NMR carbon imino group 451
NMR carbon norsteroid 1651
NMR carbon oxathiaspiroundecane conformation 1132
NMR carbon oxathiaspiroundecane stereoelectronic effect 1122
NMR cobalt nickel methylbipyridine 1689
NMR conformation dioxacycloheptene 2283
NMR conformation heterocyclic azomethine 1205
NMR conformation hydroxyalkylcyclohexene 859
NMR conformation mercaptobenzoate methoxymethyl= benzenethiol 566
NMR coupling pyridine borane complex 3026
NMR cyclopropylidene propanol 1089
NMR dichlorohydroxythiophenol conformation 3204
NMR dimethylcycloalkyl cation 2173
NMR dimethylcyclohexane substituent effect 2870
NMR DMSO deutero methyl inequivalence 1671
NMR fluoromethylnaphthalene deriv 2642
NMR homonuclear two dimensional 723
NMR hydroxyspirostane sapogenin 1328
NMR iodophenol conformation 3021
NMR isoniazid condensation product 641
NMR isopropylphenol conformation MO 1656
NMR methanol clathrate hydrate 2587
NMR nucleoside interaction platinum blue 1083
NMR phosphido bridged palladium platinum 1188
NMR phosphine chalcogenide cadmium complex 3221
NMR phosphine deriv lead tin 50
NMR piperidinylethylene adduct boron trihalide 1284
NMR platinum guanosine monophosphate reaction 3297
NMR prostaglandin I one 1449
NMR proton exchange imidate ester 2527
NMR proton hydrazine ethyl 629
NMR rapamycin conformation correction 49
NMR saframycin conformation 2945
NMR shielding aldimine ketimine 705
NMR sodium cholate self assocn 1602
NMR trithiaheptane 326
Nonactic acid total synthesis 572
Nonelectrolyte chromatog electrokinetic detector 1531
Nonelectrolyte surface tension vol fraction 2968
Nonlocal dielec response double layer 2031
Nonpolar adsorbent benzenesulfonate liq chromatog 2179
Norbornyl nucleophilc substitution betylate 362
Norsteroid microbial hydroxylation Rhizopus 1651
Nortestosterone microbial hydroxylation 1651
NTA complex stability aq methanol 555
Nucleofugality betylate functional group 362
Nucleofuge betylate leaving group 356
Nucleophile reaction betylate 356
Nucleophilic substitution alkylbenzene dimethylchloro= nium 2412
Nucleophilic substitution mechanism betylate 362
Nucleoside anhydrooctose 878
Nucleoside halopurine 2608
Nucleoside interaction methylnicotinamide platinum blue 1083
Nucleoside pentopyranosylcytosine 468
Nucleoside purine 2601
Nucleotide uridine mannopyranosyluronate diphosp= hate 2247
Octalone 1685
Octane IR solvent effect 1357
Octose anhydro nucleoside 878
Oil poplar aspen conversion 2191

Oil sand bitumen water solid 1527
Olefin cation homologous heat formation 80
Olefin ene reaction acetylenedicarboxylate 288
Olefin polymn catalyst 1425
Olefinic keto ester electrophilic cyclization 2239
Oligomerization rearrangement butene 2621
Oligosaccharide fluorescent labeling 2934
Opening ring dichlorocyclopropane deriv mechanism 164
Optical absorption phthalocyanine vanadyl 549
Optical pumping Raman absorption 2792
Optical rotation alkyl hexenopyranoside 889
Optical rotation mol structure carbohydrate 907
Order long range aq chloride 3049
Org adsorbed electrode reaction kinetics 2026
Org cation heat formation 80
Org chem potential sodium sulfate 1872
Org compd adsorption electrode electrolyte 2072
Org entropy interface water orientation 1835
Org halide copper complex electroformation 62
Org mixt surface tension calcn 2968
Org solvent immobilized chymotrypsin kinetics 2921
Org synthesis alc dehydrogenase stereospecificity 1574
Organometallic reagent reaction nitrosodialkylhydroxylamine 264
Organotin iodide Moessbauer 1585
Orientation water entropy org interface 1835
Ormosanine configuration Podopetalum 34
Ortho ester hydrolysis diethoxydihydroisobenzofuran 1169
Ortho hydrogen vibrational relaxation 1277
Orthogonal collocation simulation electrochem process 1538
Orton rearrangement bromoacetanilide kinetics 839
Osmotic coeff aq sodium sulfate 123
Osmotic coeff surfactant water 1865
Overhauser effect saframycin conformation 2945
Oxabicycloheptanedicarboxylic anhydride prepn ring cleavage 2997
Oxadihydrouracil carbomethoxy prepn rearrangement 2891
Oxadithiaazoniacyclododecanylmethylbenzene chloro oxo molybdate structure 2879
Oxathiaspiroundecane NMR carbon conformation 1132
Oxathiaspiroundecane prepn stereoelectronic effect 1122
Oxathiole acylimino 1557
Oxazinone photolysis azabicyclohexenone 2328
Oxazolone alkoxy 384
Oxenium hydride shift stereoelectronic control 2787
Oxetane alkylaryl thermolysis mechanism 2503
Oxetane phenyl protonated ion fragmentation 968
Oxidant nickel 3 bipyridine phenanthroline 1610
Oxidative decarboxylation cleavage glycopyranosiduronate 935
Oxidative solvolytic alkylation deoxyiododigitoxigenin 1025
Oxide phosphine cadmium complex NMR 3221
Oxide sulfur nitrogen structure 187
Oxide tin photoelectrode palladium tetraphenylporphyrin 652
Oxidn ascorbate ferrate complex 132
Oxidn bromine bicycloalkane dimethoxy 2848
Oxidn carbon monoxide radiolysis 532
Oxidn chlorophenol phenol manganate 2780
Oxidn chlorophenol phenol permanganate 2776
Oxidn cyclohexanone nickel 3 chelate 697
Oxidn decene permanganate mechanism 2146
Oxidn electrochem copper complex formation 62
Oxidn electrochem gold copper silver 2714
Oxidn electrochem keto carboxylate 945
Oxidn ethane nitric oxide mechanism 2232
Oxidn kinetics DMSO tungstate 718
Oxidn propane methanol nickel oxide 865
Oxidn rearrangement diacetyldiazabicycloheptanone 2650
Oxidn redn spiroketal stereoelectronic control 2787
Oxidn sulfur nitride 3157
Oxidn tolidine acid soln 1177
Oxime hydrogen bond NMR 451
Oximinodeoxyhexopyranoside triacetate substitution 1433
Oxirane hydrate clathration methanol 2587
Oxo alc tricyclic 2665
Oxo chloro THF molybdate structure 2879
Oxo thiol ester annulation 1685
Oxoalkylphosphonate aminobenzylation 2864
Oxy radical reaction acetylacetonatovanadyl kinetics 2184
Oxydipropionitrile solvent acidity 2491
Oxyeicosadienoic acid trihydroxy 2729
Ozone vibrational relaxation dissocn 2569
Ozonization dichloroalkene mechanism 3188
Palladate fluorosulfato redn bromine 2835
Palladium bridged phosphido NMR 1188
Palladium complex pyrimidine pyridine deriv 3293
Palladium cyclohexaphosphazene complex 2429
Palladium nitroxide complex ESR 156
Palladium tetraphenylporphyrin photovoltaic property structure 652
Pallidum allyl pyrazolyl complex 996
Palmitate ascorbyl IR thermotropism 2543
Paper effluent detoxification 3350
Paper effluent trichlorocyclohexenone 3372
Para hydrogen vibrational relaxation 1277
Partial charge transfer adsorbed species 1898
Passivation electrochem cobalt niobium alloy 1580
Patchwise hydration silver iodide particle 1969
Penam iodomethyl 1018
Penicillamine complexation methylmercury 1505
Pentachlorophenol redn photochem acetylthiophene 116
Pentacyclic triterpene intermediate 1010
Pentenal dimethyl ethylthio isomerization kinetics 3120
Pentene isomer charge exchange mass spectra 1753
Pentenoic acid 2306
Pentenone retroaldol cleavage kinetics 45
Pentopyranine B D 468
Pentopyranosylcytosine nucleoside 468
Perchlorate alkylammonium exchange extn 1705
Perchlorate cadmium triphenylphosphine complex 3267
Perchlorate propylammonium adsorption water mercury 1987
Perchlorate propylammonium adsorption water surface 1978
Perchlorate sodium capacitance mercury methanol 710
Perdeuteration polycyclic arom 3218
Perfluoroiodoethane photolysis 1307
Periodate diazabicycloheptane prepn safety 217
Permanganate oxidn chlorophenol phenol 2776
Permanganate oxidn decene mechanism 2146
Peroxide fluorosulfuryl oxidn sulfur nitride 3157
Peroxide hydrogen oxidn catalyst 718
Peroxydisulfate electroredn kinetics crystallog inhomogeneity 2019
Peroxytungstic acid oxidn DMSO 718
Petroleum recovery lignosulfonate sulfonate 1938
pH indicator quinone hydroquinone oxydipropionitirle 2491
Phase diagram calcn group interaction 1375

Phase diagram soly 3076
Phase transition silver iodide 2685
Phenanthrene perdeuteration 3218
Phenanthrene photolysis micelle triplet quenching 663
Phenanthroline nickel 3 oxidant 1610
Phenol iodo conformation NMR 3021
Phenol isopropyl conformation MO 1656
Phenol oxidn manganate 2780
Phenol oxidn permanganate 2776
Phenol photoredn furaldehyde mechanism 116
Phenoxysulfonylmethanaminium fluorosulfate reaction nucleophile 356
Phenylacetamide 2475
Phenylarsine boron halide Raman 2417
Phenylnaphthyldiazene diphenylpicrylhydrazyl thermolysis 3095
Phenyloxetane mass spectra chem ionization 968
Phenylphosphine Group IB halo electroprepn 2714
Phenylporphyrin palladium photvoltaic property 652
Phenylselenium chloride addn propynol stereochem 927
Phenylthiotricycloheptane structure 658
Phlegmarine acetyl methyl total synthesis 2479
Phlegmarine alkaloid carbon NMR 2695
Phosphate calcium apatitic adsorption methylacetamide 222
Phosphate silver std potential thermodn 3030
Phosphazene methyl carbanion prepn reaction 2654
Phosphido bridged palladium platinum NMR 1188
Phosphine aminomethyl oxide 27
Phosphine chalcogenide cadmium complex NMR 3221
Phosphine deriv lead tin NMR 50
Phosphine methyl boron halide vibration 2898
Phosphonate aminoalkyl 2864
Phosphorane methylene MO 3280
Phosphorescence quenching pyranthione solvent effect 2612
Phosphoric acid ionization const 1630
Photo cyclization aralkyl thione 246
Photochem addn haloamide alkene 431
Photochem cycloaddn diacetylimidazolinone 2650
Photochem dimerization benzoylcyclohexenone structure 3136
Photochem isomerization cyclohexanedione thiolanedione 1717
Photochem isomerization dimethoxyethylene 982
Photochem isomerization tetraphenylethylene 3061
Photochem redn acetylthiophene pentachlorophenol 116
Photochem thione 246
Photochromic mercury diarylthiocarbazone spectra 679
Photoelectrochem cell palladium tetraphenylporphyrin oxide 652
Photoelectrode tin oxide palladium tetraphenylporphyrin 652
Photoelectron spectra hydroxyazobenzene hydrogen bond 821
Photoformation pyranylidene pyranthion triplet quenching 2612
Photogalvanic cell thionine sensitizer 2719
Photolysis acetylthiophenedione coupling methanol 1722
Photolysis azabicyclohexenone oxazinone 2328
Photolysis bicyclohexanone 1607
Photolysis bromopropane 1827
Photolysis conformation naphthothiopyran sulfoxide 199
Photolysis dimethylphenyltriazolinone 3087
Photolysis ethylenediaminecobalt ion ferrocyanide 647
Photolysis IR multiphoton methanedifluorodichlorooxygen 2703
Photolysis maleic anhydride 1342
Photolysis methyl mercaptan photooxidn 2750
Photolysis methylbenzenonium cation mechanism 76
Photolysis methylcyclopropane gas phase mechanism 537
Photolysis perfluoroiodoethane 1307
Photolysis phenanthrene micelle triplet quenching 663
Photolysis phenol solvent effect correction 1744
Photolysis pyranthione thione photochem 2612
Photooxidn aliph acid hydrogen peroxide 14
Photooxidn ascorbate pyruvate deriv ESR 2708
Photooxidn methyl mercaptan photolysis 2750
Photoredn furaldehyde phenol mechanism 116
Photovoltaic property structure palladium tetraphenylporphyrin 652
Phthalaldehyde intramol Cannizzaro kinetics 1061
Phthalan diethoxy reaction quinone 1247
Phthalate adsorption mercury electrode 1918
Phthalazinium cation pseudolbase equil 3195
Phthalic acid adsorption mercury electrode 1918
Phthalide halo reaction isoquinolinium 3055
Phthalidisoquinoline alkaloid 3055
Phthalocyanine vanadyl optical absorption 549
Picolinate methyl palladium structure reassignment 3293
Picrate alkali extn polyurethane foam 1490
Picrylethylenediamine deprotonation complexation methoxide 795
Piperidinylethylene adduct boron trihalide NMR 1284
Pivalic acid transfer dodecane water 1096
Platinum ammonia complex pulse radiolysis 3319
Platinum blue methylnicotinamide interaction nucleoside 1083
Platinum bridged phosphido NMR 1188
Platinum cyclohexaphosphazene complex 2429
Platinum cyclopropylamine chloro 2737
Platinum guanosine monophosphate reaction conformation 3297
Platinum nitroxide complex ESR 156
Platinum pyrimidine halo complex 195
Podopetaline configuration Podopetalum 34
Podopetalum alkaloid 34
Poisoning antidote methylmercury 1505
Poisson Boltzmann charged sphere potential 1860
Polar mol salting effect electrolyte 2518
Polarizability hydrogen bond isotope effect 786
Polarization anodic cobalt niobium alloy 1580
Polarization cathodic niobium cobalt alloy 1261
Polarization concn laser interferometry 1933
Polarization potential cation mobility 2988
Polarog bifluorenylidene 2957
Polarog haloethylaryltriazene decompn 1347
Polarog hydroxyazobenzene photoelectron spectra LFER 821
Polarog lumazine deazalumazine isoalloxazine 2755
Polarog redn quinizarinsulfonic acid 1201
Polarog single drop square wave 3326
Polarog square wave adsorption enhancement 3334
Polarog tungstate hydrogen peroxide 718
Pollutant chlorophyll a multilayer 2402
Polycryst silver electrode peroxydisulfate electroredn 2019
Polyhydroxybutyrate bacteria pyrolysis 2306
Polyhydroxybutyrate crystal structure 38
Polymer allergen removal oil 1405
Polymn catalyst olefin 1425
Polysaccharide fluorescent labeling 2934
Polysaccharide nitroxide spin labeling 3105

Polysaccharide structure Streptococcus 2081
Polysaccharide uronate degrdn 935
Polystyrene aminoalkyl lactone allergen 1405
Polyurethane foam alkali picrate extn 1490
Poplar aspen conversion oil 2191
Porphyrin S 411 779
Porphyrin tetraphenyl palladium photovoltaic effect 652
Porphyrin tetraphenyl palladium photovoltaic property 652
Potassium extn crown ether 1548
Potassium fluoride capacitance mercury methanol 710
Potassium hydroxide polarization cobalt niobium 1580
Potassium hydroxide polarization niobium cobalt 1261
Potential barrier rotation dioxacycloheptene 2283
Potential charged sphere Poisson Boltzmann 1860
Potential chem sodium sulfate org 1872
Potential energy mol 1074
Potential polarization cation mobility 2988
Potential std silver phosphate arsenate 3030
Potential surface methylene phosphorane sulfurane 3280
Pregnenolone acetate haloamide addn 431
Prepn iron sulfonate 669
Propane aq sodium sulfate potential 1872
Propane methanol oxidn nickel oxide 865
Propanol cyclopropylidene NMR 1089
Propanol hydrocarbon glass radiolysis 2803
Propiolate addn hydroxyurea 175
Propionate sodium mass spectra 2218
Propionic acid photooxidn hydrogen peroxide 14
Propylammonium perchlorate adsorption water mercury 1987
Propylammonium perchlorate adsorption water surface 1978
Propylene carbonate perchlorate dielec relaxation 1051
Propynol addn benzeneselenenyl chloride regioselectivity 927
Prostaglandin I one NMR 1449
Proton affinity ethane ethylene 1771
Proton exchange complexation dinitrobenzene 3177
Proton exchange imidate ester NMR 2527
Proton NMR hydrazine ethyl thioacetoacetate 629
Proton transfer fluorocarbonyl compd 2689
Proton transfer nitrophenylnitroalkene dimethoxybisdimethylaminonaphthalene kinetics 3034
Protonation alkyl ester 2133
Protonation amide lactam 1568
Protonation amide regioselectivity 2527
Protonation amine thermodn 151
Protonation dissociative ethane 1771
Protonation guanosine monophosphate conformation NMR 3297
Protonation heat sulfite aq 1068
Protonation hydroxide anion gas phase 1615
Protonation imine carbon NMR 451
Protonation saframycin NMR 2945
Protonation UV solvent effect 1560
Prototropic reaction rate acidity profile 957
Prototropic reaction rate acidity profile correction 3318
Pseudolbase cation equil isoquinolinium phthalazinium 3195
Pulse radiolysis hydrogen attack thionine 2719
Pulse radiolysis platinum ammonia complex 3319
Pumping optical Raman absorption 2792
Purine nucleoside 2601
Purine nucleoside halogenation 2608
Pyranthione photolysis thione photochem 2612
Pyranthione solvent phosphorescence quenching 2612
Pyranylidene photoformation pyranthion triplet quenching 2612
Pyrazinopyrazine redn 3237
Pyrazinoquinoxaline redn chem electrochem 3237
Pyrazole dimethylsulfidechlorogold ligand displacement 1241
Pyrazole manganese molybdenum pyrazolylgallate 3123
Pyrazolechlorogold 1241
Pyrazolidinedione ionization tautomerism 759
Pyrazoline methylene thermolysis kinetics 2556
Pyrazolopyrimidineamine deaminative electrochem redn 2826
Pyrazolyl ethanolamino gallato copper 518
Pyrazolyl nickel palladium complex 996
Pyrazolyl thioethoxyphenoxy gallate metal structure 2391
Pyrazolylethanolaminogallato cycloheptatrienyl molybdenum structure 1665
Pyrazolylgallate dimethyl ligand 1331
Pyrazolylgallate manganese molybdenum pyrazole 3123
Pyrene perdeuteration 3218
Pyrenochaeta elsinochrome C D formation 422
Pyrethroid thujaketonic acid 3162
Pyridine basicity methyl sulfoxide 1501
Pyridine borane complex NMR coupling 3026
Pyridine deriv palladium complex 3293
Pyridine deuterium exchange neutral 1022
Pyridine deuterium exchange neutral correction 3038
Pyridine protonation nitrogen NMR 451
Pyridineazodimethylaniline nickel complexation alkyl sulfate micelle 1361
Pyridinedione acetyl photoreaction methanol 1722
Pyridinemethanol bismercaptomethyl complexation zinc 65
Pyrimidine deriv palladium complex 3293
Pyrimidine platinum halo complex 195
Pyrimidinethione silver complex 591
Pyrimidone trimethyl tetramethyl hydrogen exchange 1270
Pyrolysis hydroxyvalerate hydroxybutyrate copolymer 2306
Pyrrole aryl Vilsmeier formylation 2962
Pyrrole substituted cyanation chlorosulfonyl isocyanate 2673
Pyrrolecarbonitrile 2673
Pyrrolidinedione acetyl photoreaction methanol 1722
Pyrrolizidine dithio alkaloid 1101
Pyruvate deriv ascorbate photooxidn ESR 2708
Quadrupole relaxation albumin binding drug 1701
Quaternization amine phenoxysulfonylmethanaminium fluorosulfate reaction nucleophile 356
Quenching triplet phenanthrene photolysis micelle 663
Quenching triplet pyranthion pyranylidene photoformation 2612
Quinazolinone glycosyl 373
Quinizarinsulfonic acid polarog redn 1201
Quinone antitumor antibiotic reductive activation 390
Quinone hydroquinone pH indicator oxydipropionitirle 2491
Quinone methide cycloaddn uracil thiazine 2223
Quinone photovoltaic effect palladium tetraphenylporphyrin 652
Quinone reaction diethoxyphthalan 1247
Radical addn furaldehyde double bond 116
Radical addn haloamide alkene 431
Radical anion arom aldehyde dimerization 3256
Radical catalyst reaction 1824
Radical cumylperoxy selfreaction mechanism kinetics 2253

Radical free hydroxyl 390
Radical spin trap ESR 756
Radiolysis fission fragment carbon dioxide 532
Radiolysis methylacetamide scavenger mechanism 1032
Radiolysis propanol hydrocarbon glass 2803
Radiolysis pulse hydrogen attack thionine 2719
Radiolysis pulse platinum ammonia complex 3319
Raman crystal violet deutero 964
Raman methylarsine phenylarsine boron halide 2417
Raman methylphosphine boron halide 2898
Raman methylthiosilane 2909
Raman optical pumping 2792
Raman spectrum sulfur nitrogen oxide 187
Raman sulfuric acid water 2591
Randomization energy unimol reaction weak collision 2575
Rapamycin NMR conformation correction 49
Rate acidity profile prototropic reaction 957
Rate process amine sulfur dioxide 8
Rational AO CI wave function 1552
Raucubaine Rauwolfia crystal structure 1007
Rauwolfia raucubaine crystal structure 1007
Ravidomycin mol structure 3018
Reaction const aryldimethyltriazolinone thermolysis 100
Reaction electrode kinetics charge discreteness 1844
Reaction platinum guanosine monophosphate conformation 3297
Reaction spherical electrode orthogonal collocation 1538
Reaction unimol master equation soln 772
Reactivity benzyl tropylium cation 1592
Reactivity structure double quartet polemic 807
Rearrangement aminonitrene diimide MO 3044
Rearrangement aromatization ethylmethylnitrocyclohexadienyl acetate 2314
Rearrangement bicyclooctanone deriv 344
Rearrangement carbomethoxyoxadihydrouracil 2891
Rearrangement Claisen ketene acetal 572
Rearrangement deamination aminodeoxymethylene anhydrolycoctonam 3039
Rearrangement dichlorocyclopropane deriv mechanism 164
Rearrangement dimethylhomotropone acid 3252
Rearrangement hydrolysis cyclopropylidenepropyl tosylate 1089
Rearrangement naphthylcyclobutanone 1675
Rearrangement oligomerization butene 2621
Rearrangement Orton bromoacetanilide kinetics 839
Rearrangement oxidn diacetyldiazabicycloheptanone 2650
Rearrangement stereochem lactone 597
Rearrangement vinyl phenyltriazene 1636
Redn asym acylcyclopropane 2199
Redn chem electrochem nitrostyryl ketone 1224
Redn electrochem deaminative pyrazolopyrimidinea=mine 2826
Redn electrochem dibiphenyleneethene 2957
Redn electrochem nitrosoquinoxaline 1711
Redn electrochem pyrazolidinedione 759
Redn electrochem. nitro ethylene 527
Redn ethylmethylnitrocyclohexadienyl acetate stereochem 2314
Redn fluorosulfato palladate bromine 2835
Redn glucopyranose borohydride elimination 333
Redn ketone MO stereochem 459
Redn oxidn spiroketal stereoelectronic control 2787
Redn photochem acetylthiophene pentachlorophenol 116
Redn polarog quinizarinsulfonic acid 1201
Redn potential ascorbic acid oxidn 132
Redox dibiphenyleneethene 2957
Redox electroredn kinetics metal complex 1944
Reducing sugar condensation product isoniazid 641
Reductive activation quinone antitumor antibiotic 390
Redwood oil terpene 285
Refractive index IR 1357
Regiochem acetoxyfuran Alder Diels 2997
Regioselectivity addn benzeneselenenyl chloride propynol 927
Regioselectivity hydride redn anhydride MO 2457
Regioselectivity protonation amide 2527
Relaxation dielec aniline matrix 232
Relaxation quadrupole albumin binding drug 1701
Relaxation vibrational hydrogen ortho para 1277
Resonance double quartet theory polemic 807
Resonance effect substitution betylate 362
Resonance inductive steric effect protonation 1568
Retroaldol cleavage pentenone kinetics 45
Rhenium Group IVA element complex 1455
Rhizopus microbial hydroxylation norsteroid 1651
Rhodium nitroxide complex ESR 156
Ring cleavage dichlorocyclopropane deriv 164
Ring cleavage oxabicycloheptanedicarboxylic anhydride 2997
Ring opening cyclopropane Lewis acid 2373
Rotation amino group dielec 232
Rotation barrier iodophenol 3021
Rotation barrier methylsulfoxonium iodide 1671
Rotation const diimide 506
Rotation dioxacycloheptene potential barrier 2283
Rotational barrier tetraphenylethylene 609
Rotational isomerism dihaloethane elec property 1218
Roughness surface wetting expt 1962
Roughness surface wetting theory 1954
Rubidium detn cyclic neutron activation 1660
Rule steady state reaction kinetics 737
Safety diazabicycloheptane periodate prepn 217
Saframycin conformation NMR 2945
Salting effect polar mol electrolyte 2518
Sapogenin hydroxyspirostane NMR 1328
Scaled particle theory liq structure 1
Scandium detn cyclic neutron activation 1660
Scattering cross section carbonate 2988
Schisandra lignan chicanine structure 1680
SDS micelle ketone triplet 2368
Seawater cadmium copper lead detn 1476
Secologanin 215
Secologanin acetal hydroxylation 210
Sedimentation aq chrysotile fiber 1140
Selenide phosphine cadmium complex NMR 3221
Selenide phosphine deriv metal NMR 50
Selenium detn cyclic neutron activation 1660
Semiquinone daunorubicin EPR conformation 3212
Semiquinone thionine dismutation radiolysis 2719
Serine glycosyl 473
Sesquiterpene Cyathus total synthesis 2159
Sesquiterpene cybrodin structure Cyanthus 2150
Sesquiterpene himachalene 601
Sesquiterpenoid Stereum 2536
Shielding epithermal neutron activation analysis 1470
Shielding NMR aldimine ketimine 705
Sigmatropic rearrangement dimethylpentenal deriv kinetics 3120
Silane methyl thio IR Raman 2909
Silver cadmium iodide elec cond 2685
Silver chloro triphenylphosphine complex electroprepn 2714
Silver detn cyclic neutron activation 1660
Silver fluoroborate phosphinechlorogold pyrazole reaction 1241
Silver iodide hydration double layer 1969
Silver phosphate arsenate std potential 3030

Silver polycryst electrode peroxydisulfate electroredn 2019
Silver pyrimidinethione complex 591
Silyl rhenium complex 1455
Silylcyclohexanone trimethyl stereoselective hydride redn 1303
Silylphosphazene 2654
Simulation electrochem process orthogonal collocation 1538
Single ion activity detn 1925
Site reaction electrochem kinetics 1844
Slab ellipsoidal particle intermol force 2004
SLOWPOKE reactor neutron activation analysis 1470
Sodium carbonate poplar aspen conversion 2191
Sodium carboxylate mass spectra 2218
Sodium chloride aq 3049
Sodium chloride aq heat capacity 3208
Sodium chloride methylformamide adsorption mercury 2043
Sodium chlorozirconate chlorohafnate decompn 990
Sodium cholate self assocn NMR 1602
Sodium cyanide hydrate disorder IR 1267
Sodium decanoate water thermodn 1865
Sodium halide adsorption mercury electrode 2053
Sodium perchlorate capacitance mercury methanol 710
Sodium perchlorate ether dielec relaxation 1051
Sodium salt analysis potassium extn 1548
Sodium sulfate aq osmotic coeff 123
Sodium sulfate chem potential org 1872
Sodium tungstate oxidn catalyst 718
Solanum sapogenin NMR 1328
Solid phase compn soly 3076
Solid water bitumen oil sand 1527
Soln enthalpy benzamide alc 817
Soln ionic uncharged surface 1998
Soln thermodn ester chromatog 2243
Solute solvent interaction double layer 1854
Solvated electron photolysis phenol correction 1744
Solvation dimethylcyclopentenyl nitrobenzoate steric hindrance 3273
Solvation lithium sodium propylene carbonate 1051
Solvent crystal violet visible spectra 191
Solvent effect acidity styrylphenylthiazole ethiodide 731
Solvent effect aromatization cyclohexadiene 2314
Solvent effect carbon NMR 451
Solvent effect electroredn dibiphenyleneethene 2957
Solvent effect fragmentation aryldimethyltriazolinone 100
Solvent effect hydrogen bond amine 151
Solvent effect hydrogen bond IR 786
Solvent effect IR octane 1357
Solvent effect Meisenheimer complex equil 3168
Solvent effect protonation UV 1560
Solvent electrode double layer theory 2031
Solvent solute interaction double layer 1854
Solvent structure electrification interface entropy 1835
Solvolysis benzylfluorenetrimethylammonium ion 911
Solvolysis cyclohexadienyl acetate deriv 2314
Solvolysis dichloroacetate ion kinetics 1208
Solvolysis dimethylcyclopentenyl ester kinetics 3273
Soly hydrogen cyclopentylamine isotope effect 2386
Soly solid phase compn 3076
Sophora matrine formation 106
Sorbitol conversion fuel 2191
Sound velocity structure electrolyte acetonitrile 2212
Spectra mercury diarylthiocarbazone complex 679
Spectra picrylethylenediamine methoxide 795
Spectrometry iron form ferrozine 181
Sphere charged potential Poisson Boltzmann 1860
Spherical approxn diffuse double layer 1906
Spherical electrode reaction orthogonal collocation 1538
Spin labeling nitroxide polysaccharide 3105
Spin trap methylpyrroline oxide 756
Spiroketal oxidn redn stereoelectronic control 2787
Spiroundecane oxathia NMR conformation 1132
Square wave polarog adsorption enhancement 3334
Square wave polarog single drop 3326
Stability crown ether metal complex 1724
Stability GDP fucose 2086
Stabilization energy diacetylaminochrysene 1622
Stannate chloro ethylammonium structure 2550
Stannyl rhenium complex 1455
Stannylphosphazene 2654
Statistical mechanics electrode reaction adsorption 2026
Statistical mechanics energy ionic fluid 1903
Statistical mechanics ion density surface 1998
Std potential silver phosphate arsenate 3030
Steady state reaction kinetics rule 737
Stearic acid extn chelate 1497
Stemodin intermediate structure 524
Stereochem acetoxyfuran Alder Diels 2997
Stereochem addn organolithium methylenecyclopropanecarboxaldehyde 2199
Stereochem addn phenylselenium chloride propynol 927
Stereochem Diels Alder cyclohexadienone acetoxy 2510
Stereochem epoxy sulfone cleavage 1415
Stereochem haloamide alkene addn 431
Stereochem halocyclopropanation enol ether 621
Stereochem hydrogenated pentamethylindene correction 590
Stereochem MO redn ketone 459
Stereochem phlegmarine chem shift 2695
Stereochem reaction ethylmethylnitrocyclohexadienyl acetate 2314
Stereochem rearrangement lactone 597
Stereochem ring cleavage dichlorocyclopropane deriv 164
Stereoelectronic control nitrobenzene trimethylphenoxide 2470
Stereoelectronic control spiroketal oxidn redn 2787
Stereoelectronic effect dioxaspiroundecane prepn 1105
Stereoelectronic effect oxathiaspiroundecane prepn 1122
Stereoselectivity proton exchange imidate ester 2527
Stereospecific total synthesis cassipurine 1101
Stereospecificity alc dehydrogenase liver 1574
Stereum sterpurene sterpurenetriol 2536
Steric const soln enthalpy correlation 817
Steric effect conformation nitroxide 1745
Steric effect haloamide alkene 431
Steric effect hydrogen bond IR 786
Steric effect mercury diarylthiocarbazone spectra 679
Steric effect oxathiaspiroundecane 1122
Steric effect prepn 1105
Steric effect prepn correction 1744
Steric hindrance solvation dimethylcyclopentenyl nitrobenzoate 3273
Steric inductive resonance effect protonation 1568
Sterpurene Stereum 2536
Sterpurenetriol Stereum 2536
Streptococcus polysaccharide structure 2081
Streptonigrin reductive activation 390
Structure acetylaminochrysene 1622
Structure adeninatomethylmercury 1311
Structure benzoyl diazatricyclododecandione 3136
Structure benzoyldiazomethane 1463

Structure copper pyrazolyl ethanolamino gallato 518
Structure cyclohexaphosphazene palladium platinum complex 2429
Structure cyclooctaphosphazene cobalt nitrate complex 2435
Structure cysteine ethionine mercury 144
Structure diimide 506
Structure double layer mercury 710
Structure electrochem redn nitrosoquinoxaline 1711
Structure ethylammonium chlorostannate 2550
Structure gallium ethylenebissalicylideneiminato complex 94
Structure homoquinone 1247
Structure iodotellurium fluoroarsenate 2876
Structure liq cavity formation 1
Structure manganese molybdenum pyrazole pyrazolyl gallate 3123
Structure mercury dithiocarbamate 2746
Structure metal methylpyrazolylthioethoxyethoxygallate 2391
Structure methylbinaphthyl 1149
Structure methylfluorocyclotriphosphazene 2364
Structure mol ester soln thermodn 2243
Structure nickel ethylenebisbenzoylacetoniminato 2766
Structure oxadithiazoniacyclododecanylmethylbenzene chlorooxotetrahydrofuranmolybdate 2879
Structure phenylthiotricycloheptane 658
Structure photovoltaic property palladium tetraphenylporphyrin 652
Structure platinum cyclopropylamine chloro 2737
Structure platinum pyrimidine complex 195
Structure pyrazolylethanolaminogallato cycloheptatrienyl molybdenum 1665
Structure reactivity double quartet polemic 807
Structure solvent electrification interface entropy 1835
Structure sound velocity electrolyte acetonitrile 2212
Structure stemodin intermediate 524
Structure sulfur nitrogen oxide 187
Structure tryptophanium chloromercurate 138
Structure water halide transfer thermodn 3149
Structure water thermodn autoionization 3141
Structure xylofuranosylcytosine hydrochloride 238
Styrene Diels Alder cyclodimerization 3090
Styrene diphenylpicrylhydrazyl reaction 3095
Styrene polymn catalyst 1425
Styrylphenylthiazole ethiodide solvent effect acidity 731
Substituent effect acidity styrylphenylthiazole ethiodide 731
Substituent effect bromination methanolysis indole 635
Substituent effect fluoro trifluoromethyl hydroxycarbonium 2689
Substituent effect haloamide alkene 431
Substituent effect NMR dimethylcyclohexane 2870
Substituent effect tetraphenylethylene isomerization 609
Substitution allylic alkyl hexenopyranoside 889
Substitution nucleophilic alkylbenzene dimethylchloronium 2412
Substitution nucleophilic dimethylcyclopentenyl deriv 3273
Substitution oximinodeoxyhexopyranoside triacetate 1433
Substitution reaction kinetics LFER 362
Substitution reaction nitrobenzene trimethylphenoxide 2470
Succinic acid mercapto complexation methylmercury 1505
Sugar reducing condensation product isoniazid 641
Sulfate sodium osmotic coeff aq 123
Sulfenyl iodide reaction thiazoloazetidinone 1020
Sulfenylation dehydrodeoxynupharidine 2298
Sulfide di azetidinone 1020
Sulfide dimethyl photolysis photooxidn 2750
Sulfide ethyl reaction hydrogen atom 3226
Sulfide methyl IIIA chloride complexing 3012
Sulfide phosphine cadmium complex NMR 3221
Sulfide pyridine metal complex 65
Sulfite aq protonation heat 1068
Sulfonate iron prepn structure 669
Sulfonate lignosulfonate petroleum recovery 1938
Sulfone epoxy reaction lithium compd 1415
Sulfoxide adipyl thiazepine prepn conformation 406
Sulfoxide methyl basicity aniline pyridine 1501
Sulfoxide naphthothiopyran conformation photolysis 199
Sulfur dioxide reaction amine NMR 8
Sulfur dioxide vibrational relaxation dissocn 2569
Sulfur fluoride MO 814
Sulfur nitride oxidn 3157
Sulfur nitrogen oxide structure 187
Sulfurane methylene MO 3280
Sulfuric acid lignin surfactant adsorption 19
Sulfuric acid water Raman 2591
Sulfuryl fluoride MO 814
Sulfuryl peroxide oxidn sulfur nitride 3157
Sultone carbohydrate 260
Superoxide elimination carbohydrate 333
Surface charge dihaloethane 1218
Surface tension ethylamine aq butanone 127
Surface tension nonelectrolyte vol fraction 2968
Surface tension salt effect electrolyte 2518
Surface uncharged ionic soln 1998
Surfactant activity entropy water 1865
Surfactant adsorption sulfuric acid lignin 19
Swain Lupton LFER betylate 362
Sweroside ring cleavage 215
Sweroside tetraacetate hydroxylation 210
Synthesis org alc dehydrogenase stereospecificity 1574
Tautomer acetate mass spectra 1805
Tautomer methyltolyltriazene thermolysis 923
Tautomerism haloethylaryltriazene decompn 1347
Tautomerism indole deriv bromination methanolysis 635
Tautomerism ionization pyrazolidinedione 759
Tautomerization kinetics methylisoxazolone methylpyrazolone 629
Tautomerization methylene phosphorane sulfurane 3280
Tellurate halo Moessbauer 913
Tellurium arsenate structure 2876
Tellurium iodide Moessbauer spectra 918
Tellurium Moessbauer halotellurate 913
Tensiometry wetting surface roughness 1962
Terpene cedar redwood oil 285
Testosterone deuterated enzymic aromatization 2809
Tetrabenzoporphinate zinc mol assocn 1388
Tetrahedral intermediate lactonization 1169
Tetralin feed reactivity coal liquefaction 1487
Tetraphenylethylene excited state behavior 3061
Tetraphenylethylene isomerization substituent effect 609
Thermal cyclization vinylcholestanone 1641
Thermal decompn dipropanodioxetane 851
Thermal decompn maleic anhydride 1342
Thermal decompn methyltolyltriazene kinetics 923
Thermal decompn nitrosodiphenylmethylimine kinetics 559
Thermal degrdn chrysotile asbestos fiber 1521
Thermal expansion liq viscosity diffusion 2170
Thermal isomerization LFER kinetics 609

Thermal polymn isotope effect 3090
Thermodn amine hydration 151
Thermodn chlorozirconate chlorohafnate decompn 990
Thermodn conformation iodophenol 3021
Thermodn exchange reaction methylmercury cation 1779
Thermodn group contribution carboxylate 1375
Thermodn iodine charge transfer complex 1212
Thermodn ion exchange clay suspension 2927
Thermodn liq structure cavity formation 1
Thermodn silver phosphate arsenate electroredn 3030
Thermodn sodium chloride aq methylformamide 2043
Thermodn soln ester chromatog 2243
Thermodn water soly vinyl chloride 768
Thermolysis alkylaryloxetone mechanism 2503
Thermolysis aryldimethyltriazolinone mechanism kinetics 100
Thermolysis benzoylphenyldiazomethane cupric bisacetylacetonate catalyst 2475
Thermolysis deuterium isotope effect 2556
Thermolysis kinetics tricyclic dioxetane 851
Thermolysis phenylnaphthyldiazene diphenylpicrylhydrazyl 3095
Thermotropism ascorbyl palmitate IR 2543
THF autoionization aq thermodn 3141
THF chloro oxo molybdate structure 2879
THF hydrate clathration methanol 2587
THF vol mixing hydrocarbon 2839
Thiaheptane prepn alkylation spectra 326
Thiane bismethylthio 326
Thiaoxaspiroundecane NMR carbon conformation 1132
Thiazepine adipyl sulfoxide prepn conformation 406
Thiazine cycloaddn naphthoquinone methide 2223
Thiazolidinethione methylimino 2724
Thiazoloazetidinone reaction sulfenyl iodide 1020
Thiazyl fluorosulfate 3157
Thioacetate ethyl addn kinetics 629
Thioacetoacetate ethyl kinetics addn hydrazine 629
Thiocarbamate condensation chloro ketone 1557
Thiocarbazone diaryl mercury complex spectra 679
Thioethoxyphenoxy pyrazolyl gallate metal structure 2391
Thioformaldehyde geometry MO 3200
Thioglycoside nitrophenyl 314
Thiohemiaminal deoxynupharidine 2298
Thiol ester oxo annulation 1685
Thiolactonium homocysteine bromomercurate structure 138
Thiolanedione cyclohexanedione photochem isomerization 1717
Thiolate basicity LFER 1505
Thione photochem 246
Thione photochem pyranthione photolysis 2612
Thionine hydrogen attack pulse radiolysis 2719
Thionyl fluoride MO 814
Thiophenedione acetyl photoreaction methanol 1722
Thiophenol chloro hydroxy NMR 3204
Thiosilane methyl IR Raman 2909
Thiotungstate isopolyanion aq equil 563
Thiourea interface entropy aq electrolyte 1835
Threonine glycosyl 473
Thromboxane B2 total synthesis 870
Thujaketonic acid pyrethroid 3162
Thujone degrdn 3162
Tin organo iodide Moessbauer 1585
Tin oxide photoelectrode palladium tetraphenylporphyrin 652
Tin phosphine deriv NMR 50
Titania coated silica chromatog 1045
Titanium chloride catalyst acetylthiophenedione photoreaction 1722
Titanium trichloride catalyst polymn 1425
Titrn weak base oxydipropionitrile 2491
Tolidine reaction chlorine element dioxide 1177
Toluene ethyl nitration 2314
Toluenesulfonate iron 669
Toluidine iodine charge transfer complex 1212
Total energy mol 1074
Total synthesis Cyathus sesquiterpene 2159
Transfer hydroxyl methoxyethanol water 1153
Transfer proton heat sulfite carbonate 1068
Transfer system neutron activation analysis 1660
Transfer thermodn hydrogen halide 3149
Transition electron UV methylbutanethione 952
Transition metal amino acid complex 555
Transition metal chelate ionization energy 1797
Transition state alkylbenzene dimethylchloronium 2412
Transition state aryldimethyltriazolinone fragmentation 100
Transition state Cannizzaro phthalaldehyde 1061
Transition state elimination arylphenylethylammonium 3016
Transition state haloethylaryltriazene decompn 1347
Transition state thermolysis methyltolyltriazene 923
Transition state thermolysis nitrosodiphenylmethylimine 559
Transition structure boron hydride 1318
Transport alkali metal cation crown ether 1734
Trap spin methylpyrroline oxide 756
Trapping electron alc cluster radiolysis 2803
Trianisylvinyl bromide acetolysis isotope scrambling 2342
Triazene haloethylaryl prepn decompn 1347
Triazene vinyl phenyl decompn 1636
Triazine methyltolyl thermolysis kinetics 923
Triazolinone dimethylphenyl photolysis 3087
Triazolinone thermolysis mechanism 100
Tribromoimidazole triphenylphosphine bromination carbohydrate 339
Trichlorocyclohexenone paper effluent 3372
Tricyclic dioxetane thermolysis kinetics 851
Tricyclic ketone homoenolization 3379
Tricyclic oxo alc 2665
Tricycloheptane structure 658
Triethylenetetramine chelate extn stearate 1497
Triethylenetetramine complex stability aq methanol 555
Trifluoroacetic catalyst Orton rearrangement 839
Trifluoromethanesulfonic anhydride glycosylation mechanism 482
Trifluoromethyl substituent effect hydroxycarbonium 2689
Trimethylphenoxide nitrobenzene Meisenheimer complex 2470
Trioxane aq heat capacity density 2599
Triphenylphosphine cadmium complex 3267
Triphenylphosphine tribromoimidazole bromination carbohydrate 339
Triplet carbonyl group hydrogen abstraction 116
Triplet ketone SDS micelle 2368
Triplet quenching phenanthrene photolysis micelle 663
Triplet quenching pyranthion pyranylidene photoformation 2612
Tripterygium cytotoxic diterpene 2677
Trisnocybrodolide structure Cyanthus 2150
Triterpene pentacyclic intermediate 1010
Trithiaheptane prepn alkylation spectra 326
Tritiated acid cyclopentane cyclohexane 3309
Tropylium benzyl cation reactivity 1592
Tryptophan fluorescence decay pH 1037
Tryptophanium chloromercurate structure 138

Tungstate oxidn kinetics DMSO 718
Tungstate thio isopolyanion equil 563
Tungsten carbonyl pyrazolyl pyrazolylgallate 3123
Tungsten gallate complex 1331
Ultrasound methylcyclohexanone conformational inversion 3084
Unimol reaction energy randomization weak collision 2575
Unimol reaction master equation soln 772
Uracil cycloaddn naphthoquinone methide 2223
Uranyl ion electroredn calcium nitrate 1515
Urea biuret heat mixing 1257
Urea butanol aq viscosity 3248
Urea hydroxy addn maleate fumarate 2891
Urethane foam extn alkali picrate 1490
Uridine diphosphate acetylhexosamine 2247
Uronate polysaccharide degrdn 935
UV charge transfer amine benzonitrile 1291
UV charge transfer complex 982
UV diimide conformation rotation const 506
UV dinitrobenzene Meisenheimer complex hydroxide 3168
UV dye interaction soln 2449
UV imidazolinethione deriv 2883
UV methylbutanethione electron transition 952
UV protonation solvent effect 1560
UV spectra tetraphenylethylene 3061
UV zinc tetrabenzoporphinate 1388
Valence force field chlorotriazole 3341
Vanadyl phthalocyanine optical absorption 549
Vibration phosphine methyl boron halide 2898
Vibration stability alkane cycloalkane 1381
Vibrational energy alkane cycloalkane 1381
Vibrational relaxation hydrogen ortho para 1277
Vibrational relaxation ozone sulfur dioxide 2569
Vibrational spectra diphenyldicarboximide 2463
Vilsmeier formylation arylpyrrole 2962
Vinyl cation isomerization mechanism 2342
Vinyl chloride water soly thermodn 768
Vinyl ether polymn catalyst 1425
Vinyl ketone Michael addn 1685
Vinylcholestanone thermal cyclization 1641
Vinylestranone intramol ene cyclization 1641
Viscosity aq urea butanol 3248
Viscous flow diffusion activation parameter 2170
Visible boron hydride 1318
Visible IR excess electron 1235
Visible spectra crystal violet solvent 191
Vitamin C oxidn pyruvate deriv 2708
Vitamin K oxidn ascorbate 2708
Vol fraction surface tension nonelectrolyte 2968
Vol mixing alc ethane dichloro 2210
Vol mixing THF hydrocarbon 2839
Voltammetry anodic stripping seawater analysis 1476
Voltammetry reaction simulation orthogonal collocation 1538
Wastewater industrial adsorption surfactant removal 19
Water air interface adsorption alkylammonium 1978
Water bitumen solid oil sand 1527
Water mercury interface adsorption alkylammonium 1987
Water orientation entropy org interface 1835
Water poplar aspen conversion 2191
Water soly vinyl chloride thermodn 768
Water structure halide transfer thermodn 3149
Water structure sodium sulfate org 1872
Water structure thermodn autoionization 3141
Water sulfuric acid Raman 2591
Water surfactant activity entropy 1865
Wave function CI rational AO 1552
Weak acid ionization acidity function 2350
Wetting surface roughness expt 1962
Wetting surface roughness theory 1954
Wittig reaction hydrogenated pentamethylindene correction 590
X ray crystallog tetraphenylethylene 609
Xanthan gum nitroxide spin labeling 3105
Xylofuranosylcytosine hydrochloride structure 238
Xylose conversion fuel 2191
Xylyenediamine hydrogen bond IR 786
Zinc aminocarboxylate stability aq methanol 555
Zinc complexation pyridylpropanedithiol imidazolylpropanedithiol 65
Zinc methanesulfonate isomerism 669
Zinc tetrabenzoporphinate mol assocn 1388
Zirconium hafnium sepn alkali chloride 990